

THE CODVYN

WORKFLOW GUIDE

Visual-First UI Development with Antigravity · Stitch · Claude

3 tools. 1 workflow. Total design control.



ANTIGRAVITY

Browser Agent



STITCH

UI Builder



CLAUDE

Prompt Refiner

01 Enable Browser in Antigravity

Antigravity needs browser access to visit your design reference URL, capture visual snapshots, and extract color/layout details automatically.

1

Open Antigravity Settings

Click the **Settings**  icon → Navigate to **Integrations** → **Browser Tools**.

2

Enable the Browser Tool

Toggle **Enable Browser** to ON. This activates Antigravity's built-in Chromium instance for visiting URLs and capturing snapshots.

3

Set Snapshot Permissions

Under **Browser Permissions**, enable all three:

• **Screenshot capture** • **DOM inspection** • **External URL access**

4

Test Browser Access

In Antigravity chat, type the line below. If a snapshot appears, you're good to go.

```
Visit https://stripe.com and take a full-page screenshot
```

■ **Antigravity uses this browser to visit your design reference before generating the refined prompt — extracting exact colors, fonts & layout.**

02 Connect Stitch via MCP to Antigravity

MCP (Model Context Protocol) lets Antigravity send prompts directly to Stitch and trigger UI builds automatically — no copy-pasting between tabs.

PREREQUISITES

✓ **Stitch account active at stitch.withgoogle.com**

- ✓ Antigravity desktop app installed and logged in
- ✓ Node.js 18+ installed on your system

STEP-BY-STEP SETUP

1

Get Your Stitch API Key

Log in to Stitch → **Account** → **API Access** → **Generate New Key**. Copy the key.

2

Install the Stitch MCP Server

```
npm install -g @stitch/mcp-server
stitch-mcp --version # verify
```

3

Create Config File at ~/.stitch/mcp-config.json

```
{
  "apiKey": "YOUR_STITCH_API_KEY",
  "projectId": "YOUR_PROJECT_ID",
  "port": 3456,
  "allowedOrigins": ["antigravity://app"]
}
```

4

Start the MCP Server

```
stitch-mcp start --config ~/.stitch/mcp-config.json
```

Keep this terminal open while you work.

5

Connect Antigravity → Settings → MCP Connections → Add New

```
Name: Stitch UI Builder
URL: http://localhost:3456
Protocol: MCP v1
Auth: Bearer YOUR_STITCH_API_KEY
```

Click **Test Connection** — you should see a green ✓.

6

Verify the Integration

In Antigravity chat:

```
@Stitch create a simple card component with a purple button
```

Stitch renders it → you're fully connected.

- Once MCP is connected, Antigravity sends refined prompts to Stitch automatically after analyzing the design reference — zero tab switching.

03 The Master Prompt

Paste this into Claude with your two placeholders filled in. Claude will return a production-ready, Stitch-optimised prompt that Antigravity can use directly.

TWO PLACEHOLDERS TO FILL

{DESIGN_REFERENCE_LINK}	URL of a site whose visual style you want to borrow (e.g. linear.app, vercel.com, stripe.com). Only the look is taken — not the content.
{RAW_PROMPT}	Your rough idea for what you're building. Write it however you like — no structure needed. This is the only source for features & functionality.

COPY THIS ENTIRE BLOCK → PASTE INTO CLAUDE

```
Design Reference Link: {DESIGN_REFERENCE_LINK}

{
  You are a senior UI/UX engineer and prompt architect. Your job is to
  transform the inputs given to you into a single, exhaustive,
  production-ready prompt for a vibe coding tool (Stitch). Follow these
  permanent rules without exception:

  1. DESIGN REFERENCE ANALYSIS – Visit the design reference link provided.
  Extract ONLY visual information: color palette (exact hex values if
  possible), typography style (serif/sans-serif, weight, sizing hierarchy),
  spacing and layout patterns, component styles (buttons, cards, navbars,
  etc.), animation/interaction feel, overall aesthetic mood (minimal,
  brutalist, glassmorphic, etc.). Do NOT extract any content, copy, or
  functional ideas from the reference. It is a visual bible only.

  2. IDEA SOURCE – The website concept, purpose, features, pages, and
  functionality come EXCLUSIVELY from the raw prompt. Do not let the
  design reference influence what the website does or contains.

  3. OUTPUT FORMAT – Produce one single refined prompt in this order:
  a. Project Overview (from raw prompt only)
  b. Visual Language (from design reference only)
  c. Page-by-Page UI Plan (sections, components, layout per page)
  d. Component Specs (buttons, typography scale, color tokens, spacing)
  e. Build Instructions for Stitch (step-by-step, start building now)

  4. Be specific, not vague. No placeholders in output. Every color, font
  style, and spacing decision must be explicitly defined.

  5. End with: "Now analyze the design reference link visually, then begin
  building the UI in Stitch immediately without asking any clarifying
  questions."
}

Raw Prompt: {RAW_PROMPT}
```

04 Full Workflow at a Glance

- 01 Paste master prompt into Claude**
Fill in the two placeholders — design URL + your raw idea

02 Claude refines it
Returns a detailed, structured, Stitch-ready prompt

03 Paste into Antigravity
Tell it: start building and follow Codvyn

04 Antigravity browses reference
Extracts colors, fonts, spacing visually via browser

05 Sends to Stitch via MCP
Stitch builds your UI with full visual control

06 Review & iterate
Request tweaks directly in Antigravity chat

Ready to build?

Enable browser · Connect Stitch MCP · Paste the prompt · Ship beautiful UI.

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