

Converting Colors

YUV(172.2170, 40.8120,
-70.3503)

Have a look what the booklet for
YUV(172.2170, 40.8120, -70.3503)
contains.

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Color

**YUV(172.2170, 40.8120,
-70.3503)**

Conversions

Conversions Part 1

Format	Color
Hex	5CC5FF
RGB	92, 197, 255
RGB Percent	36%, 77%, 100%
CMY	0.6392, 0.2275, 0.0000
CMYK	0.64, 0.23, 0.00, 0.00
HSL	201°, 100%, 68%
HSV	201°, 64%, 100%
XYZ	42.4299, 49.4278, 101.9120
YIQ	172.2170, -81.1980, -4.2220

Conversions

Conversions Part 2

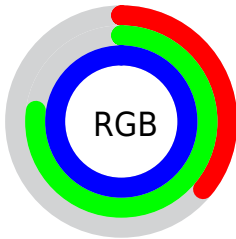
Format	Color
R _Y B	92, 156, 255
Decimal	6079999
CIE _{Lab}	75.72, -13.20, -37.51
CIE _{LCh}	76, 39.759, 250.613
Y _{xy}	49.4278, 0.2190, 0.2551
Android (android.graphics.Color)	4284270079 (0xFF5CC5FF)
YUV	172.2170, 40.8120, -70.3503
Hunter-Lab	70.3049, -15.3067, -36.7316

Details

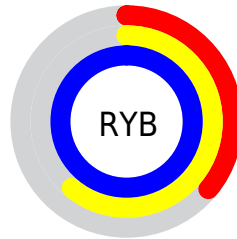
The YUV color **172.2170, 40.8120, -70.3503** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **174.7830, -40.8120, 70.3503**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.8120, 14.8827, -60.3481**, and **106.5130, 45.1031, -93.4119** is the 20% darker color. If you saturate the color by 10%, you get **159.4590, 47.1017, -81.0865**, and if you desaturate by 10%, it is **185.2740, 34.3749, -58.9993**.

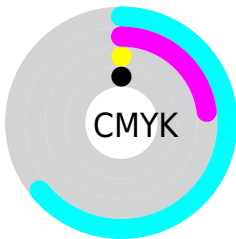
Distribution



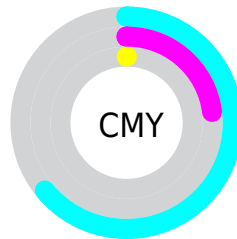
- Red (36%)
- Green (77%)
- Blue (100%)



- Red (36%)
- Yellow (61%)
- Blue (100%)



- Cyan (64%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.2170, 40.8120, -70.3503 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 172.2170, 40.8120, -70.3503 by changing the saturation by 10% instead.

■ 172.2170, 40.8120,
-70.3503

■ 172.2170, 40.8120,
-70.3503

255.0000, 0.0000,
0.0000

■ 141.7000, 41.5599,
-76.9129

■ 224.8120, 14.8827,
-60.3481

■ 106.5130, 45.1031,
-93.4119

■ 234.3690, 10.1711,
-42.4196

■ 88.7600, 40.5443,
-77.8425

■ 243.6380, 5.6015,
-23.3615

■ 71.0070, 35.9855,
-62.2731

■ 252.9070, 1.0318,
-4.3034

■ 54.5420, 31.2848,
-47.8333

■ 38.1910, 27.0208,
-33.4935

■ 24.3020, 22.0361,

-21.3129

■ 7.5920, 18.9351,
-6.6582

■ 3.4370, 10.6306,
-3.0142

■ 172.2170, 40.8120,
-70.3503

■ 172.2170, 40.8120,
-70.3503

■ 159.4590, 47.1017,
-81.0865

■ 185.2740, 34.3749,
-58.9993

■ 146.4020, 53.5388,
-92.4376

■ 198.0320, 28.0852,
-48.2631

■ 133.6440, 59.8285,
-103.1738

■ 211.0890, 21.6481,
-36.9121

■ 125.3380, 63.9234,
-109.9214

■ 223.8470, 15.3584,
-26.1758

■ 236.9040, 8.9213,
-14.8248

■ 249.6620, 2.6316,
-4.0886

255.0000, 0.0000,
0.0000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



156.7750, 37.5789, -106.7967



172.2170, 40.8120, -70.3503



184.5970, 34.7087, -25.9566

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



172.2170, 40.8120, -70.3503



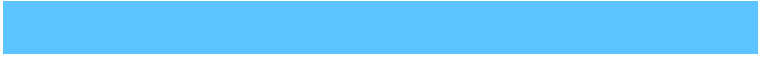
188.9410, -6.8729, 57.9337



178.2880, -23.8060, -17.7926

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



172.2170, 40.8120, -70.3503



174.7830, -40.8120, 70.3503

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



183.0270, -34.5233, 13.1313



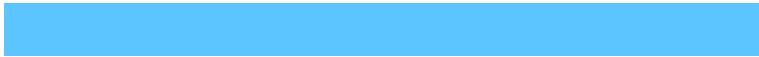
172.2170, 40.8120, -70.3503



187.9890, -23.1656, 57.0146

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



172.2170, 40.8120, -70.3503



191.3320, 10.1893, 45.3128



185.8330, -33.4417, 39.6115



171.5900, -5.2209, -52.2604

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



172.2170, 40.8120, -70.3503



189.8070, 29.6751, 1.9233



185.8330, -33.4417, 39.6115



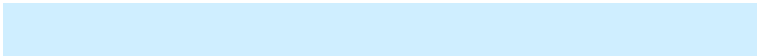
180.3880, -28.7853, -7.3563

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



172.2170, 40.8120, -70.3503



230.6690, 11.9952, -20.7577



194.1790, -22.2732, -89.6110



112.5730, 7.6055, -12.7805



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



172.2170, 40.8120, -70.3503



155.3060, 49.1491, -84.4604



124.6700, 64.2527, -28.6516



121.1780, 3.3632, -5.4181



93.9750, 47.8333, -82.4161



31.3630, 16.0900, -27.5054

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



152.7070, 21.8364, 89.7110



131.9680, 26.1448, 107.8991



222.3300, -64.2527, 28.6516



119.7990, 1.5781, 7.1923



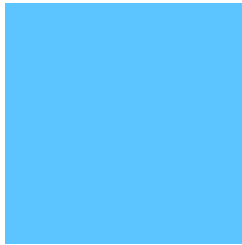
71.1310, 25.5714, 105.1251



23.8100, 8.4747, 35.2466

Previews

White Background



This preview shows how the YUV color 172.2170, 40.8120, -70.3503 looks on a white background.

Color Contrast Check

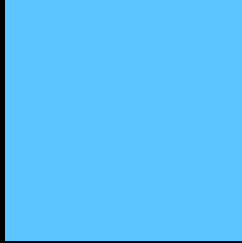
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 172.2170, 40.8120, -70.3503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

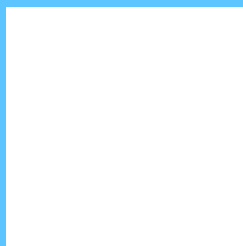
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 172.2170, 40.8120, -70.3503

Background



This preview shows how black text looks on a background with the YUV color 172.2170, 40.8120, -70.3503.



This preview shows how white text looks on a background with the YUV color 172.2170, 40.8120, -70.3503.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

172.2170, 40.8120, -70.3503

Protanopia

185.7680, 28.7084, -14.7055

Deuteranopia

184.9290, 34.5450, -20.1087



Tritanopia

166.3670, 26.4411, -81.0059

Trichromacy



Original Color

172.2170, 40.8120, -70.3503

Protanomaly

180.7870, 33.1360, -34.8932

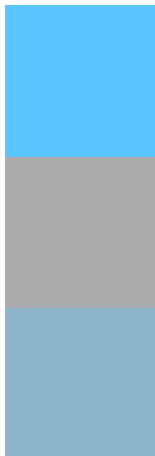
Deuteranomaly

180.3890, 36.7832, -38.0522

Tritanomaly

168.7680, 31.6664, -76.9725

Monochromacy



Original Color

172.2170, 40.8120, -70.3503

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.0320, 14.7742, -25.4611

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.2170, 40.8120, -70.3503 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(92, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(92, 197, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(92, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 197, 255) }
```

Border

The CSS property to change the border of an element to YUV 172.2170, 40.8120, -70.3503 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(92, 197, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(92, 197, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(92, 197, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 197, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 197, 255);  
box-shadow:4px 4px 4px 4px rgb(92, 197,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 172.2170, 40.8120, -70.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 197, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(92, 197,  
255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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