

Converting Colors

YUV(172.3020, 28.4451,
-70.4249)

Have a look what the booklet for
YUV(172.3020, 28.4451, -70.4249)
contains.

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Color

**YUV(172.3020, 28.4451,
-70.4249)**

Conversions

Conversions Part 1

Format	Color
Hex	5CCA E6
RGB	92, 202, 230
RGB Percent	36%, 79%, 90%
CMY	0.6392, 0.2078, 0.0980
CMYK	0.60, 0.12, 0.00, 0.10
HSL	192°, 73%, 63%
HSV	192°, 60%, 90%
XYZ	39.8171, 50.2295, 82.4596
YIQ	172.3020, -74.5480, -14.6120

Conversions

Conversions Part 2

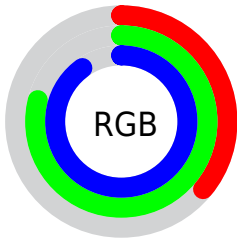
Format	Color
R _Y B	92, 153, 230
Decimal	6081254
CIE Lab	76.21, -23.33, -23.32
CIE LCh	76, 32.989, 224.981
Yxy	50.2295, 0.2308, 0.2912
Android (android.graphics.Color)	4284271334 (0xFF5CCA6)
YUV	172.3020, 28.4451, -70.4249
Hunter-Lab	70.8728, -23.7442, -19.3722

Details

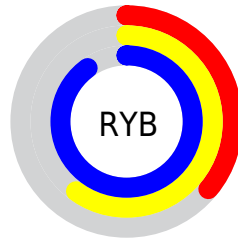
The YUV color **172.3020, 28.4451, -70.4249** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **149.6980, -28.4451, 70.4249**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.5020, 15.0355, -62.7073**, and **106.7120, 33.1730, -93.5864** is the 20% darker color. If you saturate the color by 10%, you get **162.4900, 33.2824, -81.9907**, and if you desaturate by 10%, it is **182.1140, 23.6078, -58.8590**.

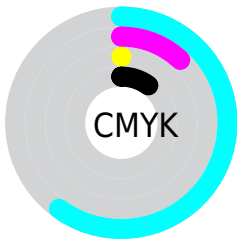
Distribution



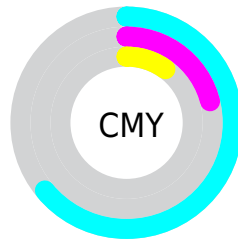
- Red (36%)
- Green (79%)
- Blue (90%)



- Red (36%)
- Yellow (60%)
- Blue (90%)



- Cyan (60%)
- Magenta (12%)
- Yellow (0%)
- Black (10%)



- Cyan (64%)
- Magenta (21%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.3020, 28.4451, -70.4249 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 172.3020, 28.4451, -70.4249 by changing the saturation by 10% instead.

■ 172.3020, 28.4451,
-70.4249

■ 172.3020, 28.4451,
-70.4249

255.0000, 0.0000,
0.0000

■ 142.2090, 29.4770,
-74.7283

■ 224.5020, 15.0355,
-62.7073

■ 106.7120, 33.1730,
-93.5864

■ 233.7710, 10.4659,
-43.6492

■ 88.4860, 29.3404,
-77.6022

■ 242.7410, 6.0437,
-25.2059

■ 70.8470, 25.2184,
-62.1328

■ 251.7110, 1.6215,
-6.7625

■ 53.9090, 21.2439,
-47.2782

■ 37.6720, 17.4167,
-33.0383

■ 23.8970, 12.8688,

-20.9577

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 172.3020, 28.4451,
-70.4249

■ 172.3020, 28.4451,
-70.4249

■ 162.4900, 33.2824,
-81.9907

■ 182.1140, 23.6078,
-58.8590

■ 153.2650, 37.8304,
-94.0714

■ 191.3390, 19.0599,
-46.7783

■ 143.4530, 42.6677,
-105.6373

■ 201.1510, 14.2226,
-35.2124

■ 133.6410, 47.5050,
-117.2032

■ 210.9630, 9.3852,
-23.6466

■ 220.1880, 4.8373,
-11.5659

■ 230.0000, 0.0000,
0.0000

■ 239.8120, -4.8373,
11.5659

■ 242.7580, -6.2897,
10.7362

■ 245.6930, -7.7366,
8.1622

Harmonies

Analogous

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



171.5830, 15.4886, -68.0403



172.3020, 28.4451, -70.4249



179.8840, 32.5952, -48.1333

Triad

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



172.3020, 28.4451, -70.4249



192.5610, 6.1324, 39.8500



184.8290, -27.5237, 8.0430

Complementary

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



172.3020, 28.4451, -70.4249



149.6980, -28.4451, 70.4249

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.



187.7440, -28.4678, 30.9195



172.3020, 28.4451, -70.4249



191.1420, -8.4510, 50.7415

Square

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



172.3020, 28.4451, -70.4249



192.1480, 19.1540, 16.5332



189.6780, -21.5333, 46.7634



180.7700, -18.1276, -19.0923

Rectangle

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



172.3020, 28.4451, -70.4249



185.5600, 30.7829, -26.8011



189.6780, -21.5333, 46.7634



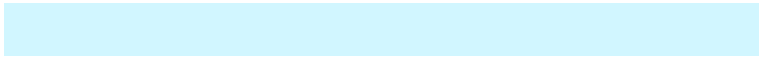
185.8300, -29.0032, 15.9351

Sweetspot

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



172.3020, 28.4451, -70.4249



235.9630, 9.3852, -23.6466



176.1980, -27.7056, -73.8416



115.8070, 6.0111, -14.7397



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.



172.3020, 28.4451, -70.4249



178.2650, 37.8304, -94.0714



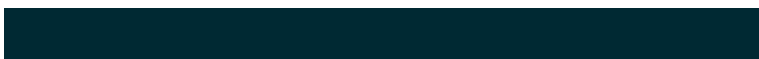
131.7990, 48.4131, -34.9037



109.6510, 2.6371, -5.8329



103.7600, 37.0933, -90.9975



29.8810, 10.4117, -26.2056

Inverse Universe

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



145.8020, 27.7056, 73.8416



142.7740, 37.0864, 98.4222



190.2010, -48.4131, 34.9037



107.6140, 2.1623, 6.4775



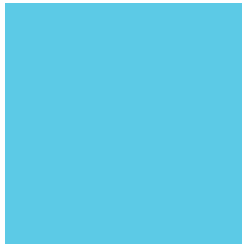
69.7090, 35.6395, 95.8482



19.9230, 10.3910, 27.2545

Previews

White Background



This preview shows how the YUV color 172.3020, 28.4451, -70.4249 looks on a white background.

Color Contrast Check

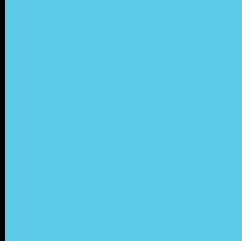
Large Text (above 18pt) WCAG AA × Fail

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 172.3020, 28.4451, -70.4249 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 172.3020, 28.4451, -70.4249 Background



This preview shows how black text looks on a background with the YUV color 172.3020, 28.4451, -70.4249.



This preview shows how white text looks on a background with the YUV color 172.3020, 28.4451, -70.4249.

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

172.3020, 28.4451, -70.4249

Protanopia

187.3810, 15.5882, -6.4731

Deuteranopia

187.9170, 22.7189, -6.9432



Tritanopia

171.1400, 24.0880, -72.9138

Trichromacy



Original Color

172.3020, 28.4451, -70.4249

Protanomaly

181.7910, 20.3160, -29.6347

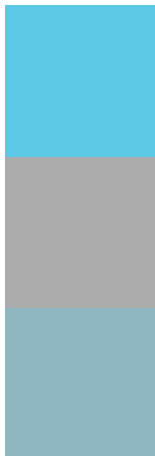
Deuteranomaly

182.3440, 24.9734, -30.1197

Tritanomaly

171.3080, 25.9772, -72.1841

Monochromacy



Original Color

172.3020, 28.4451, -70.4249

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.1800, 10.2643, -25.5909

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.3020, 28.4451, -70.4249 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, 202, 230)` looks like.

```
.text, #text, p{  
    color:rgb(92, 202, 230)  
}
```

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, 202, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 202, 230) }
```

Border

The CSS property to change the border of an element to YUV 172.3020, 28.4451, -70.4249 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, 202, 230) }
```


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

```
.border{ border-color:rgb(92, 202, 230) }
```

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

Here you see how a box with a 4 pixel rgb(92, 202, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 202, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 202, 230);  
box-shadow:4px 4px 4px 4px rgb(92, 202,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 172.3020, 28.4451, -70.4249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 202, 230) }
```

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

```
.background{ background-color: rgb(92, 202,  
230) }
```

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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