

Converting Colors

YUV(172.9760, 26.1408,
-78.0320)

Have a look what the booklet for
YUV(172.9760, 26.1408, -78.0320)
contains.

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Color

**YUV(172.9760, 26.1408,
-78.0320)**

Conversions

Conversions Part 1

Format	Color
Hex	54D0E2
RGB	84, 208, 226
RGB Percent	33%, 82%, 89%
CMY	0.6706, 0.1843, 0.1137
CMYK	0.63, 0.08, 0.00, 0.11
HSL	188°, 71%, 61%
HSV	188°, 63%, 89%
XYZ	39.9395, 52.4876, 79.9776
YIQ	172.9760, -79.6820, -20.6900

Conversions

Conversions Part 2

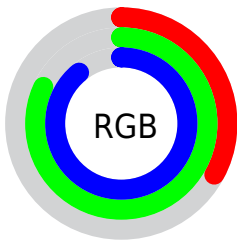
Format	Color
R _Y B	84, 150, 226
Decimal	5558498
CIE Lab	77.57, -28.82, -19.12
CIE LCh	78, 34.588, 213.567
Yxy	52.4876, 0.2317, 0.3044
Android (android.graphics.Color)	4283748578 (0xFF54D0E2)
YUV	172.9760, 26.1408, -78.0320
Hunter-Lab	72.4483, -28.3805, -14.7380

Details

The YUV color **172.9760, 26.1408, -78.0320** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **137.0240, -26.1408, 78.0320**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.7080, 15.9200, -66.3959**, and **109.3050, 30.4156, -95.8605** is the 20% darker color. If you saturate the color by 10%, you get **164.3380, 30.3994, -90.6274**, and if you desaturate by 10%, it is **181.6140, 21.8823, -65.4365**.

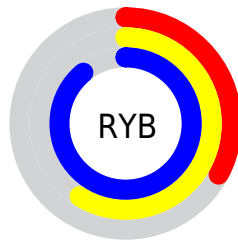
Distribution



Red (33%)

Green (82%)

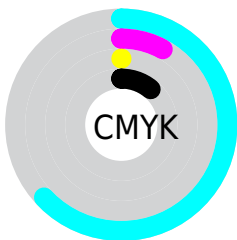
Blue (89%)



Red (33%)

Yellow (59%)

Blue (89%)

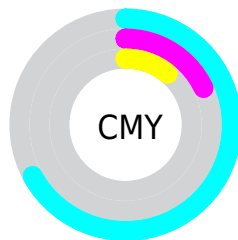


Cyan (63%)

Magenta (8%)

Yellow (0%)

Black (11%)



Cyan (67%)

Magenta (18%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.9760, 26.1408, -78.0320 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 172.9760, 26.1408, -78.0320 by changing the saturation by 10% instead.

■ 172.9760, 26.1408,
-78.0320

■ 172.9760, 26.1408,
-78.0320

255.0000, 0.0000,
0.0000

■ 141.9860, 27.6149,
-84.1797

■ 222.7080, 15.9200,
-66.3959

■ 109.3050, 30.4156,
-95.8605

■ 231.9770, 11.3503,
-47.3378

■ 90.9650, 26.1463,
-79.7763

■ 240.9470, 6.9281,
-28.8945

■ 73.3260, 22.0243,
-64.3069

■ 250.2160, 2.3585,
-9.8364

■ 55.9150, 18.7759,
-49.0375

■ 39.6780, 14.9487,
-34.7976

■ 25.4300, 11.1270,

-22.3021

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 172.9760, 26.1408,
-78.0320

■ 172.9760, 26.1408,
-78.0320

■ 164.3380, 30.3994,
-90.6274

■ 181.6140, 21.8823,
-65.4365

■ 155.9990, 34.5105,
-102.6081

■ 189.9530, 17.7712,
-53.4558

■ 147.3610, 38.7690,
-115.2036

■ 198.5910, 13.5126,
-40.8603

■ 141.4030, 41.7063,
-124.0104

■ 206.3430, 9.6909,
-28.3648

■ 214.9810, 5.4324,
-15.7693

■ 223.6190, 1.1738,
-3.1739

■ 231.9580, -2.9373,
8.8068

■ 237.6060, -5.7218,
15.2545

■ 239.3670, -6.5899,
13.7101

Harmonies

Analogous

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



175.4110, 9.6574, -64.3814



172.9760, 26.1408, -78.0320



179.7250, 33.6596, -62.9028

Triad

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



172.9760, 26.1408, -78.0320



196.7220, 11.9691, 34.4468



189.3850, -30.7558, 18.0794

Complementary

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



172.9760, 26.1408, -78.0320



137.0240, -26.1408, 78.0320

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.



192.2120, -28.2055, 40.1561



172.9760, 26.1408, -78.0320



195.5210, -3.2149, 51.2861

Square

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



172.9760, 26.1408, -78.0320



194.8630, 24.7175, 5.3821



194.0360, -17.7657, 51.7114



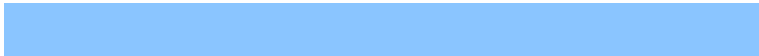
185.6420, -23.9805, -8.4560

Rectangle

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



172.9760, 26.1408, -78.0320



185.9710, 34.0313, -42.0706



194.0360, -17.7657, 51.7114



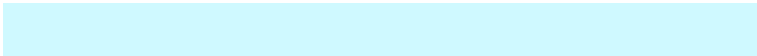
190.1410, -30.6355, 26.1863

Sweetspot

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



172.9760, 26.1408, -78.0320



237.1260, 8.8119, -26.4205



169.2920, -33.6680, -74.8011



116.6820, 5.5798, -16.3841



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.



172.9760, 26.1408, -78.0320



183.8030, 35.1001, -105.0672



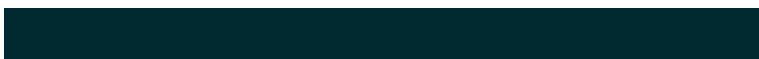
131.8860, 46.3982, -41.9960



108.1240, 1.9109, -6.2477



110.4620, 32.3102, -96.8752



30.1260, 8.8119, -26.4205

Inverse Universe

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



140.5940, 33.2312, 74.9011



140.1470, 44.7905, 100.7261



178.1140, -46.3982, 41.9960



105.4290, 2.7465, 5.7628



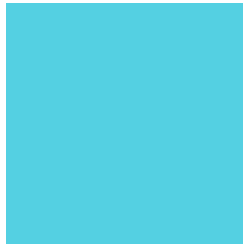
70.1800, 41.3233, 92.8041



19.1400, 11.2700, 25.3102

Previews

White Background



This preview shows how the YUV color 172.9760, 26.1408, -78.0320 looks on a white background.

Color Contrast Check

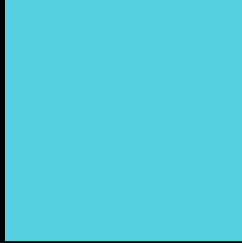
Large Text (above 18pt) WCAG AA × Fail

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 172.9760, 26.1408, -78.0320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

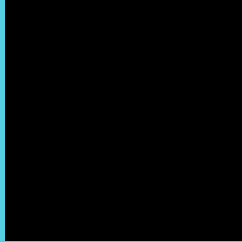
Any Text WCAG AA ✓ Pass

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 172.9760, 26.1408, -78.0320 Background



This preview shows how black text looks on a background with the YUV color 172.9760, 26.1408, -78.0320.



This preview shows how white text looks on a background with the YUV color 172.9760, 26.1408, -78.0320.

-78.0320.

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

172.9760, 26.1408, -78.0320

Protanopia

191.1380, 10.7780, -3.6290

Deuteranopia

192.0270, 19.2137, -2.6547



Tritanopia

172.8620, 25.7040, -77.9320

Trichromacy



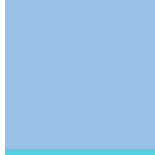
Original Color

172.9760, 26.1408, -78.0320



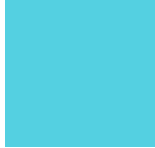
Protanomaly

184.7540, 16.3903, -30.4793



Deuteranomaly

185.1330, 21.6264, -29.9346



Tritanomaly

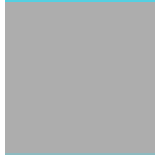
172.8620, 25.7040, -77.9320

Monochromacy



Original Color

172.9760, 26.1408, -78.0320



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

173.2290, 9.2541, -28.2648

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.9760, 26.1408, -78.0320 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(84, 208, 226)` looks like.

```
.text, #text, p{  
    color:rgb(84, 208, 226)  
}
```

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(84, 208, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 208, 226) }
```

Border

The CSS property to change the border of an element to YUV 172.9760, 26.1408, -78.0320 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(84, 208, 226) }
```


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

```
.border{ border-color:rgb(84, 208, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 208, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 208, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 208, 226);  
box-shadow:4px 4px 4px 4px rgb(84, 208,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 172.9760, 26.1408, -78.0320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 208, 226) }
```

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

```
.background{ background-color: rgb(84, 208,  
226) }
```

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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