

Converting Colors

YUV(172.1430, 12.7475,
-75.5474)

Have a look what the booklet for
YUV(172.1430, 12.7475, -75.5474)
contains.

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Color

**YUV(172.1430, 12.7475,
-75.5474)**

Conversions

Conversions Part 1

Format	Color
Hex	56D3C6
RGB	86, 211, 198
RGB Percent	34%, 83%, 78%
CMY	0.6627, 0.1725, 0.2235
CMYK	0.59, 0.00, 0.06, 0.17
HSL	174°, 59%, 58%
HSV	174°, 59%, 83%
XYZ	37.3251, 52.6442, 61.6202
YIQ	172.1430, -70.3270, -30.5430

Conversions

Conversions Part 2

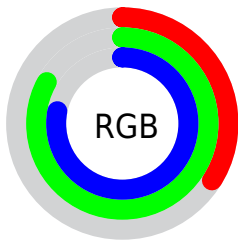
Format	Color
RYB	86, 152, 211
Decimal	5690310
CIELab	77.66, -37.58, -3.94
CIElCh	78, 37.784, 185.987
Yxy	52.6442, 0.2462, 0.3473
Android (android.graphics.Color)	4283880390 (0xFF56D3C6)
YUV	172.1430, 12.7475, -75.5474
Hunter-Lab	72.5563, -35.1480, 0.4360

Details

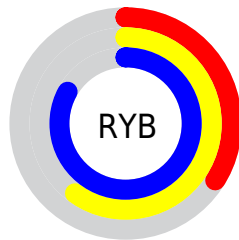
The YUV color **172.1430, 12.7475, -75.5474** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **124.8570, -12.7475, 75.5474**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.7080, 15.9200, -66.3959**, and **107.9880, 17.7539, -94.7055** is the 20% darker color. If you saturate the color by 10%, you get **165.6360, 14.9695, -88.2578**, and if you desaturate by 10%, it is **178.6500, 10.5255, -62.8371**.

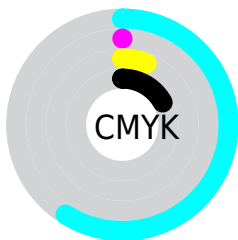
Distribution



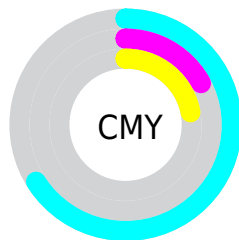
- Red (34%)
- Green (83%)
- Blue (78%)



- Red (34%)
- Yellow (60%)
- Blue (83%)



- Cyan (59%)
- Magenta (0%)
- Yellow (6%)
- Black (17%)



- Cyan (66%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.1430, 12.7475, -75.5474 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 172.1430, 12.7475, -75.5474 by changing the saturation by 10% instead.

■ 172.1430, 12.7475,
-75.5474

■ 172.1430, 12.7475,
-75.5474

255.0000, 0.0000,
0.0000

■ 142.1640, 14.2161,
-79.9508

■ 222.7080, 15.9200,
-66.3959

■ 107.9880, 17.7539,
-94.7055

■ 231.6780, 11.4977,
-47.9526

■ 89.2890, 14.6475,
-78.3065

■ 240.6480, 7.0755,
-29.5093

■ 71.7640, 10.9623,
-62.9370

■ 249.6180, 2.6533,
-11.0660

■ 54.3530, 7.7140,
-47.6676

■ 37.7570, 5.0498,
-33.1129

■ 23.6230, 1.6649,

-20.7174

■ 0.0000, 0.0000,
0.0000

■ 172.1430, 12.7475,
-75.5474

■ 172.1430, 12.7475,
-75.5474

■ 165.6360, 14.9695,
-88.2578

■ 178.6500, 10.5255,
-62.8371

■ 159.1290, 17.1914,
-100.9681

■ 185.1570, 8.3036,
-50.1267

■ 152.5080, 18.9766,
-113.5785

■ 191.7780, 6.5184,
-37.5163

■ 146.0010, 21.1985,
-126.2889

■ 198.2850, 4.2965,
-24.8059

■ 145.4030, 21.4933,
-127.5184

■ 205.0910, 1.9271,
-11.4808

■ 211.5980, -0.2948,
1.2296

■ 218.1050, -2.5168,
13.9399

■ 224.7260, -4.3019,
26.5503

■ 224.9540, -3.4283,
26.3503

Harmonies

Analogous

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



179.7220, -8.7369, -44.4832



172.1430, 12.7475, -75.5474



167.9680, 31.5678, -92.0569

Triad

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



172.1430, 12.7475, -75.5474



195.6400, 26.3065, 9.0857



191.8270, -30.9737, 41.3707

Complementary

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



172.1430, 12.7475, -75.5474



124.8570, -12.7475, 75.5474

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.



192.7760, -20.1026, 54.5704



172.1430, 12.7475, -75.5474



196.7550, 11.9528, 39.6799

Square

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



172.1430, 12.7475, -75.5474



188.4070, 32.8303, -30.1749



194.3040, -4.0939, 53.2304



189.1030, -33.0818, 17.4497

Rectangle

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



172.1430, 12.7475, -75.5474



173.8260, 37.0608, -80.5314



194.3040, -4.0939, 53.2304



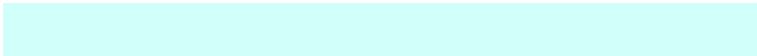
192.5550, -28.3746, 47.7483

Sweetspot

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



172.1430, 12.7475, -75.5474



240.6760, 4.5967, -27.7799



163.8600, -38.3850, -55.1282



118.9870, 2.9644, -17.5286



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.



172.1430, 12.7475, -75.5474



198.7150, 18.3815, -109.3751



145.4490, 32.3166, -52.1368



101.4830, 0.7479, -6.5626



115.8300, 17.3388, -101.5829



28.2850, 4.2965, -24.8059

Inverse Universe

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



124.8570, -12.7475, 75.5474



130.2850, -18.3815, 109.3751



151.5510, -32.3166, 52.1368



97.4030, -1.1847, 6.6626



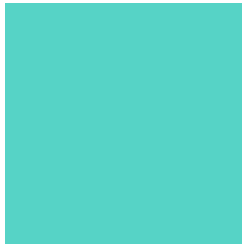
52.2840, -16.9020, 101.4829



12.7150, -4.2965, 24.8059

Previews

White Background



This preview shows how the YUV color 172.1430, 12.7475, -75.5474 looks on a white background.

Color Contrast Check

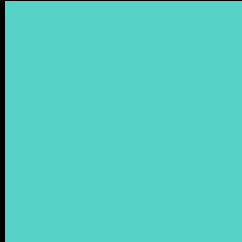
Large Text (above 18pt) WCAG AA × Fail

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 172.1430, 12.7475, -75.5474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

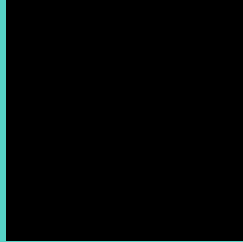
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

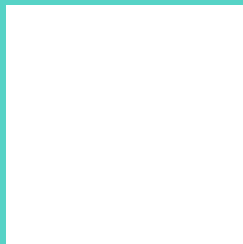
Any Text WCAG AAA ✓ Pass

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

YUV 172.1430, 12.7475, -75.5474 Background



This preview shows how black text looks on a background with the YUV color 172.1430, 12.7475, -75.5474.



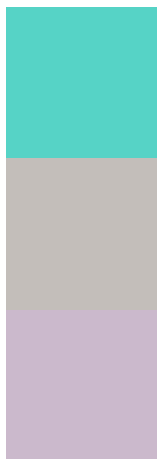
This preview shows how white text looks on a background with the YUV color 172.1430, 12.7475,

-75.5474.

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

172.1430, 12.7475, -75.5474

Protanopia

191.0390, -2.4842, 3.4738

Deuteranopia

192.5480, 5.6458, 9.1664



Tritanopia

175.7490, 23.7877, -69.9399

Trichromacy



Original Color

172.1430, 12.7475, -75.5474



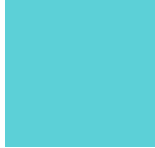
Protanomaly

184.2310, 2.8441, -25.6356



Deuteranomaly

184.7460, 8.5062, -21.7022



Tritanomaly

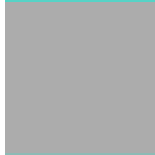
174.1140, 20.1568, -72.0140

Monochromacy



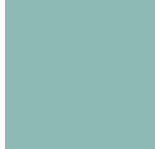
Original Color

172.1430, 12.7475, -75.5474



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

171.9750, 4.4493, -27.1651

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.1430, 12.7475, -75.5474 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(86, 211, 198)` looks like.

```
.text, #text, p{  
    color:rgb(86, 211, 198)  
}
```

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(86, 211, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 211, 198) }
```

Border

The CSS property to change the border of an element to YUV 172.1430, 12.7475, -75.5474 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(86, 211, 198) }
```


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

```
.border{ border-color:rgb(86, 211, 198) }
```

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

Here you see how a box with a 4 pixel rgb(86, 211, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 211, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 211, 198);  
box-shadow:4px 4px 4px 4px rgb(86, 211,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 172.1430, 12.7475, -75.5474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 211, 198) }
```

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

```
.background{ background-color: rgb(86, 211,  
198) }
```

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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