

Converting Colors

YUV(172.2370, 6.7852,
-76.5068)

Have a look what the booklet for
YUV(172.2370, 6.7852, -76.5068)
contains.

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Color

**YUV(172.2370, 6.7852,
-76.5068)**

Conversions

Conversions Part 1

Format	Color
Hex	55D6BA
RGB	85, 214, 186
RGB Percent	33%, 84%, 73%
CMY	0.6667, 0.1608, 0.2706
CMYK	0.60, 0.00, 0.13, 0.16
HSL	167°, 61%, 59%
HSV	167°, 60%, 84%
XYZ	36.6558, 53.5696, 54.8624
YIQ	172.2370, -67.8960, -36.0560

Conversions

Conversions Part 2

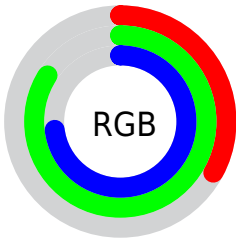
Format	Color
RYB	85, 157, 214
Decimal	5625530
CIELab	78.21, -42.13, 3.28
CIELCh	78, 42.259, 175.544
Yxy	53.5696, 0.2526, 0.3692
Android (android.graphics.Color)	4283815610 (0xFF55D6BA)
YUV	172.2370, 6.7852, -76.5068
Hunter-Lab	73.1913, -38.6879, 6.7915

Details

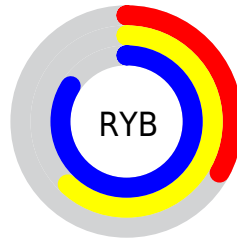
The YUV color **172.2370, 6.7852, -76.5068** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **126.7630, -6.7852, 76.5068**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9270, 10.3890, -65.7110**, and **107.9080, 12.3704, -94.6353** is the 20% darker color. If you saturate the color by 10%, you get **165.3880, 7.6967, -88.9173**, and if you desaturate by 10%, it is **179.0860, 5.8736, -64.0964**.

Distribution



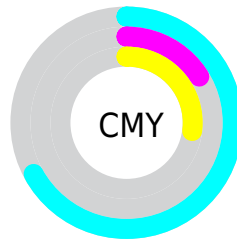
- Red (33%)
- Green (84%)
- Blue (73%)



- Red (33%)
- Yellow (62%)
- Blue (84%)



- Cyan (60%)
- Magenta (0%)
- Yellow (13%)
- Black (16%)



- Cyan (67%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.2370, 6.7852, -76.5068 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 172.2370, 6.7852, -76.5068 by changing the saturation by 10% instead.

■ 172.2370, 6.7852,
-76.5068

■ 172.2370, 6.7852,
-76.5068

■ 255.0000, 0.0000,
0.0000

■ 142.2580, 8.2538,
-80.9103

■ 220.9270, 10.3890,
-65.7110

■ 107.9080, 12.3704,
-94.6353

■ 231.3790, 11.6452,
-48.5674

■ 89.7960, 8.9746,
-78.7511

■ 240.3490, 7.2229,
-30.1241

■ 71.7980, 6.0156,
-62.9668

■ 249.3190, 2.8007,
-11.6808

■ 54.3870, 2.7672,
-47.6974

■ 37.9050, 0.5398,
-33.2427

■ 23.1840, -2.5557,

-20.3324

■ 0.0000, 0.0000,
0.0000

■ 172.2370, 6.7852,
-76.5068

■ 172.2370, 6.7852,
-76.5068

■ 165.3880, 7.6967,
-88.9173

■ 179.0860, 5.8736,
-64.0964

■ 158.3540, 9.1925,
-102.0425

■ 186.1200, 4.3778,
-50.9712

■ 151.5050, 10.1040,
-114.4529

■ 192.9690, 3.4663,
-38.5608

■ 144.7700, 11.4524,
-126.9633

■ 200.1170, 2.4073,
-25.5356

■ 206.8520, 1.0590,
-13.0252

■ 213.7010, 0.1474,
-0.6148

■ 220.8490, -0.9116,
12.4104

■ 227.2850, -2.1125,
24.3061

■ 227.8550, 0.0715,
23.8062

Harmonies

Analogous

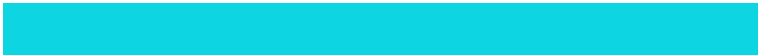
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



181.7030, -16.6156, -37.4505



172.2370, 6.7852, -76.5068



155.2690, 34.8704, -124.7699

Triad

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



172.2370, 6.7852, -76.5068



194.1760, 29.9862, -4.5394



193.4910, -31.3011, 53.0664

Complementary

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



172.2370, 6.7852, -76.5068



126.7630, -6.7852, 76.5068

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.



191.5680, -14.5770, 55.6299



172.2370, 6.7852, -76.5068



198.3720, 19.5366, 33.8768

Square

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



172.2370, 6.7852, -76.5068



183.2580, 35.3688, -51.0923



194.8400, 3.0369, 52.7603



191.0290, -37.4823, 28.9156

Rectangle

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



172.2370, 6.7852, -76.5068



157.8100, 44.4637, -121.7364



194.8400, 3.0369, 52.7603



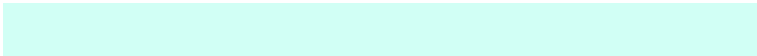
192.4680, -26.3597, 54.8406

Sweetspot

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



172.2370, 6.7852, -76.5068



240.1060, 2.4127, -27.2800



169.6930, -41.7536, -47.9658



118.5310, 1.2172, -17.1287



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.



172.2370, 6.7852, -76.5068



195.4240, 9.6510, -109.1198



155.4710, 28.8548, -61.8031



103.4830, 0.7479, -6.5626



115.6530, 9.0451, -101.4277



29.1170, 2.4073, -25.5356

Inverse Universe

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



126.7630, -6.7852, 76.5068



130.5760, -9.6510, 109.1198



143.5290, -28.8548, 61.8031



99.6310, -0.3111, 6.4626



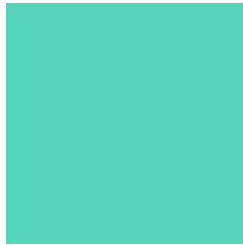
55.3470, -9.0451, 101.4277



13.8830, -2.4073, 25.5356

Previews

White Background



This preview shows how the YUV color 172.2370, 6.7852, -76.5068 looks on a white background.

Color Contrast Check

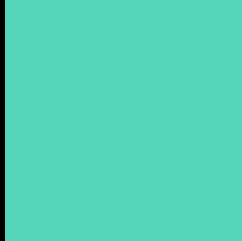
Large Text (above 18pt) WCAG AA × Fail

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 172.2370, 6.7852, -76.5068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

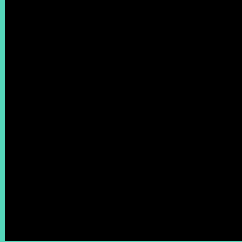
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

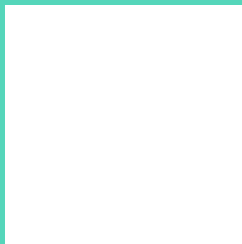
Any Text WCAG AAA ✓ Pass

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

YUV 172.2370, 6.7852, -76.5068 Background



This preview shows how black text looks on a background with the YUV color 172.2370, 6.7852, -76.5068.



This preview shows how white text looks on a background with the YUV color 172.2370, 6.7852,

-76.5068.

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

172.2370, 6.7852, -76.5068

Protanopia

191.7530, -8.7522, 7.2326

Deuteranopia

193.8600, -0.9170, 14.1548



Tritanopia

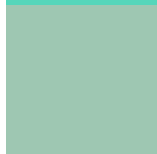
177.6460, 23.3455, -68.0955

Trichromacy



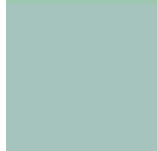
Original Color

172.2370, 6.7852, -76.5068



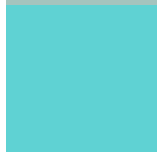
Protanomaly

184.3470, -3.1291, -23.1063



Deuteranomaly

186.0470, 1.9488, -18.4582



Tritanomaly

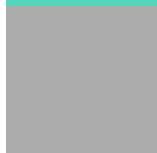
175.7290, 17.3886, -70.7993

Monochromacy



Original Color

172.2370, 6.7852, -76.5068



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

171.8070, 2.5601, -27.8947

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.2370, 6.7852, -76.5068 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(85, 214, 186)` looks like.

```
.text, #text, p{  
    color:rgb(85, 214, 186)  
}
```

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(85, 214, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 214, 186) }
```

Border

The CSS property to change the border of an element to YUV 172.2370, 6.7852, -76.5068 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(85, 214, 186) }
```


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

```
.border{ border-color:rgb(85, 214, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 214, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 214, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 214, 186);  
box-shadow:4px 4px 4px 4px rgb(85, 214,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 172.2370, 6.7852, -76.5068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 214, 186) }
```

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

```
.background{ background-color: rgb(85, 214,  
186) }
```

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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