

Converting Colors

YUV(165.1790, 8.2928,
-46.6380)

Have a look what the booklet for
YUV(165.1790, 8.2928, -46.6380)
contains.

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Color

**YUV(165.1790, 8.2928,
-46.6380)**

Conversions

Conversions Part 1

Format	Color
Hex	70BDB6
RGB	112, 189, 182
RGB Percent	44%, 74%, 71%
CMY	0.5608, 0.2588, 0.2863
CMYK	0.41, 0.00, 0.04, 0.26
HSL	175°, 37%, 59%
HSV	175°, 41%, 74%
XYZ	33.3232, 43.2173, 50.8414
YIQ	165.1790, -43.6450, -18.5010

Conversions

Conversions Part 2

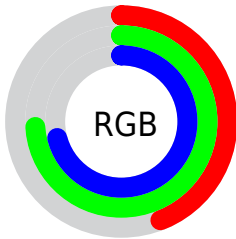
Format	Color
R _{YB}	112, 152, 189
Decimal	7388598
CIE Lab	71.70, -25.46, -3.95
CIE LCh	72, 25.766, 188.819
Yxy	43.2173, 0.2616, 0.3393
Android (android.graphics.Color)	4285578678 (0xFF70BDB6)
YUV	165.1790, 8.2928, -46.6380
Hunter-Lab	65.7399, -24.5642, 0.1647

Details

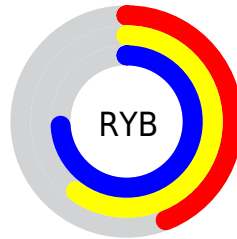
The YUV color **165.1790, 8.2928, -46.6380** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **135.8210, -8.2928, 46.6380**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.4670, 8.1508, -47.7676**, and **110.9940, 8.8770, -47.3527** is the 20% darker color. If you saturate the color by 10%, you get **159.2700, 10.2199, -58.1188**, and if you desaturate by 10%, it is **171.0880, 6.3656, -35.1572**.

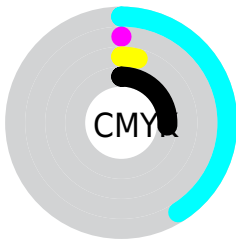
Distribution



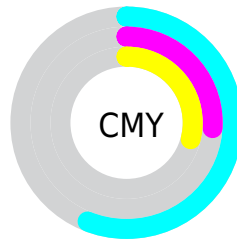
- Red (44%)
- Green (74%)
- Blue (71%)



- Red (44%)
- Yellow (60%)
- Blue (74%)



- Cyan (41%)
- Magenta (0%)
- Yellow (4%)
- Black (26%)



- Cyan (56%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.1790, 8.2928, -46.6380 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 165.1790, 8.2928, -46.6380 by changing the saturation by 10% instead.

■ 165.1790, 8.2928,
-46.6380

■ 165.1790, 8.2928,
-46.6380

255.0000, 0.0000,
0.0000

■ 138.1790, 8.2928,
-46.6380

■ 221.4670, 8.1508,
-47.7676

■ 110.9940, 8.8770,
-47.3527

■ 237.3590, 8.6970,
-36.2718

■ 83.9010, 9.9088,
-51.6562

■ 246.0300, 4.4222,
-18.4433

■ 59.0150, 10.3456,
-51.7562

254.7010, 0.1474,
-0.6148

■ 42.3050, 7.2446,
-37.1015

■ 26.9970, 4.4385,
-23.6764

■ 8.7540, 3.0793,

-7.6773

■ 0.0000, 0.0000,
0.0000

■ 165.1790, 8.2928,
-46.6380

■ 165.1790, 8.2928,
-46.6380

■ 159.2700, 10.2199,
-58.1188

■ 171.0880, 6.3656,
-35.1572

■ 153.4750, 12.5838,
-69.6996

■ 176.8830, 4.0017,
-23.5764

■ 147.5660, 14.5110,
-81.1804


■ 182.7920, 2.0745,
-12.0956


■ 141.6570, 16.4381,
-92.6612


■ 188.7010, 0.1474,
-0.6148


■ 135.7480, 18.3652,
-104.1420

■ 194.6100, -1.7797,
10.8660

 130.5510, 20.4344,
-114.4932

 200.1060, -3.9963,
21.8320

 206.0150, -5.9234,
33.3128

 209.5320, -6.6713,
39.8754

 209.6460, -6.2345,
39.7755

Harmonies

Analogous

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



168.1350, -4.9966, -30.8134



165.1790, 8.2928, -46.6380



165.0180, 19.2181, -50.8818

Triad

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



165.1790, 8.2928, -46.6380



178.4090, 16.5604, 8.4113



176.4430, -21.9104, 27.6755

Complementary

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



165.1790, 8.2928, -46.6380



135.8210, -8.2928, 46.6380

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.



177.9310, -15.2490, 37.7715



165.1790, 8.2928, -46.6380



179.8970, 6.4598, 28.1543

Square

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



165.1790, 8.2928, -46.6380



174.6770, 23.3302, -16.3797



179.2760, -5.0661, 38.3459



173.6320, -22.0036, 10.8467

Rectangle

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



165.1790, 8.2928, -46.6380



168.0880, 23.1276, -44.8042



179.2760, -5.0661, 38.3459



176.6330, -20.0321, 31.8939

Sweetspot

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



165.1790, 8.2928, -46.6380



235.6880, 3.1118, -18.1434



159.5910, -23.4624, -34.7213



116.8030, 2.0691, -10.3512



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



165.1790, 8.2928, -46.6380



207.8660, 12.8841, -72.6735



147.7800, 20.3215, -31.3791



91.1950, 0.8899, -5.4330



109.1620, 17.1751, -95.7351



21.3890, 3.2592, -18.7582

Inverse Universe

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



135.8210, -8.2928, 46.6380



162.1340, -12.8841, 72.6735



153.2200, -20.3215, 31.3791



87.8050, -0.8899, 5.4330



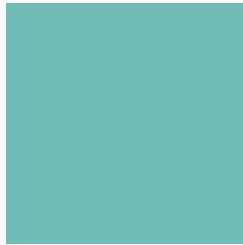
48.8380, -17.1751, 95.7351



9.6110, -3.2592, 18.7582

Previews

White Background



This preview shows how the YUV color 165.1790, 8.2928, -46.6380 looks on a white background.

Color Contrast Check

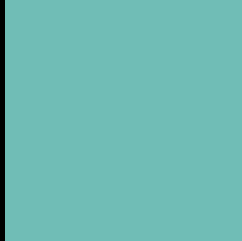
Large Text (above 18pt) WCAG AA × Fail

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 165.1790, 8.2928, -46.6380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

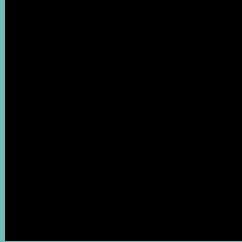
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.1790, 8.2928, -46.6380

Background



This preview shows how black text looks on a background with the YUV color 165.1790, 8.2928, -46.6380.



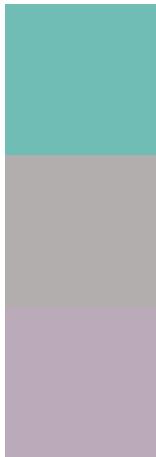
This preview shows how white text looks on a background with the YUV color 165.1790, 8.2928,

-46.6380.

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

165.1790, 8.2928, -46.6380

Protanopia

175.0820, -1.0264, 2.5591

Deuteranopia

176.9070, 4.4828, 8.8516



Tritanopia

167.0790, 16.7231, -43.9193

Trichromacy



Original Color

165.1790, 8.2928, -46.6380

Protanomaly

171.1830, 2.3748, -15.0695

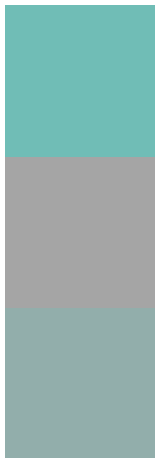
Deuteranomaly

172.8290, 6.0003, -11.2510

Tritanomaly

166.2700, 13.6709, -44.9638

Monochromacy



Original Color

165.1790, 8.2928, -46.6380

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.2860, 2.8170, -16.9138

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.1790, 8.2928, -46.6380 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(112, 189, 182)` looks like.

```
.text, #text, p{  
    color:rgb(112, 189, 182)  
}
```

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(112, 189, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 189, 182) }
```

Border

The CSS property to change the border of an element to YUV 165.1790, 8.2928, -46.6380 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(112, 189, 182) }
```


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

```
.border{ border-color:rgb(112, 189, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 189, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 189, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 189, 182);  
box-shadow:4px 4px 4px 4px rgb(112, 189,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 165.1790, 8.2928, -46.6380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 189, 182) }
```

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

```
.background{ background-color: rgb(112,  
189, 182) }
```

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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