

Converting Colors

YUV(166.4670, 8.1508,
-47.7676)

Have a look what the booklet for
YUV(166.4670, 8.1508, -47.7676)
contains.

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Color

**YUV(166.4670, 8.1508,
-47.7676)**

Conversions

Conversions Part 1

Format	Color
Hex	70BFB7
RGB	112, 191, 183
RGB Percent	44%, 75%, 72%
CMY	0.5608, 0.2510, 0.2824
CMYK	0.41, 0.00, 0.04, 0.25
HSL	174°, 38%, 59%
HSV	174°, 41%, 75%
XYZ	33.8601, 44.1252, 51.5322
YIQ	166.4670, -44.5160, -19.2360

Conversions

Conversions Part 2

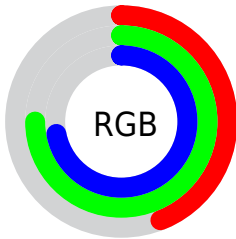
Format	Color
RYB	112, 154, 191
Decimal	7389111
CIELab	72.31, -26.21, -3.60
CIELCh	72, 26.453, 187.818
Yxy	44.1252, 0.2614, 0.3407
Android (android.graphics.Color)	4285579191 (0xFF70BFB7)
YUV	166.4670, 8.1508, -47.7676
Hunter-Lab	66.4268, -25.2591, 0.5032

Details

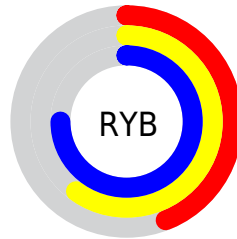
The YUV color **166.4670, 8.1508, -47.7676** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **136.5330, -8.1508, 47.7676**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.0540, 7.8614, -48.2824**, and **112.2820, 8.7350, -48.4823** is the 20% darker color. If you saturate the color by 10%, you get **160.5580, 10.0779, -59.2484**, and if you desaturate by 10%, it is **172.3760, 6.2236, -36.2868**.

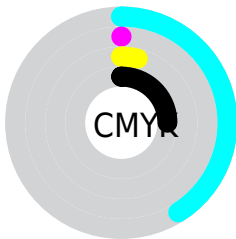
Distribution



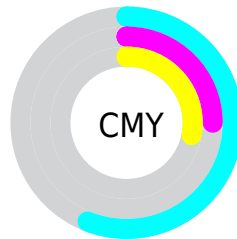
- Red (44%)
- Green (75%)
- Blue (72%)



- Red (44%)
- Yellow (60%)
- Blue (75%)



- Cyan (41%)
- Magenta (0%)
- Yellow (4%)
- Black (25%)



- Cyan (56%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.4670, 8.1508, -47.7676 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 166.4670, 8.1508, -47.7676 by changing the saturation by 10% instead.

■ 166.4670, 8.1508,
-47.7676

■ 166.4670, 8.1508,
-47.7676

■ 255.0000, 0.0000,
0.0000

■ 139.4670, 8.1508,
-47.7676

■ 223.0540, 7.8614,
-48.2824

■ 112.2820, 8.7350,
-48.4823

■ 237.3590, 8.6970,
-36.2718

■ 84.8900, 9.9142,
-53.4005

■ 246.0300, 4.4222,
-18.4433

■ 60.3030, 10.2036,
-52.8857

■ 254.7010, 0.1474,
-0.6148

■ 43.5930, 7.1027,
-38.2311

■ 28.2850, 4.2965,
-24.8059

■ 11.2160, 2.3585,

-9.8364

■ 0.0000, 0.0000,
0.0000

■ 166.4670, 8.1508,
-47.7676

■ 166.4670, 8.1508,
-47.7676

■ 160.5580, 10.0779,
-59.2484

■ 172.3760, 6.2236,
-36.2868

■ 154.6490, 12.0050,
-70.7292

■ 178.2850, 4.2965,
-24.8059

■ 148.7400, 13.9322,
-82.2100

■ 184.1940, 2.3694,
-13.3251

■ 142.8310, 15.8593,
-93.6908

■ 190.1030, 0.4422,
-1.8443

■ 136.6230, 17.9339,
-105.7864

■ 196.3110, -1.6323,
10.2513

■ 131.7250, 19.8556,
-115.5228

■ 202.2200, -3.5595,
21.7321

■ 208.1290, -5.4866,
33.2129

■ 210.9340, -6.3765,
38.6459

■ 211.1620, -5.5029,
38.4459

Harmonies

Analogous

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



169.0210, -5.4334, -30.7134



166.4670, 8.1508, -47.7676



166.1210, 19.6603, -52.7261

Triad

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



166.4670, 8.1508, -47.7676



180.3380, 17.5814, 7.5966



178.0410, -22.2052, 28.9050

Complementary

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



166.4670, 8.1508, -47.7676



136.5330, -8.1508, 47.7676

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.



179.6430, -15.1070, 38.9011



166.4670, 8.1508, -47.7676



181.4240, 7.1860, 28.5692

Square

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



166.4670, 8.1508, -47.7676



176.1930, 24.0619, -17.7093



181.1020, -4.4873, 39.3755



175.7030, -23.0246, 11.6615

Rectangle

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



166.4670, 8.1508, -47.7676



169.1910, 23.5698, -46.6485



181.1020, -4.4873, 39.3755



178.2310, -20.3269, 33.1234

Sweetspot

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



166.4670, 8.1508, -47.7676



237.9870, 2.9644, -17.5286



161.0640, -24.1886, -35.1361



119.3900, 1.7797, -10.8660



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



166.4670, 8.1508, -47.7676



208.8550, 12.8895, -74.4178



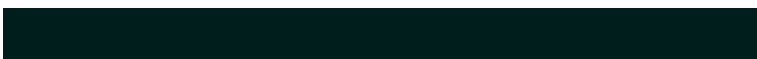
149.7690, 20.3269, -33.1234



91.1950, 0.8899, -5.4330



108.9340, 16.3015, -95.5351



21.3890, 3.2592, -18.7582

Inverse Universe

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



136.5330, -8.1508, 47.7676



162.1450, -12.8895, 74.4178



153.2310, -20.3269, 33.1234



87.8050, -0.8899, 5.4330



49.0660, -16.3015, 95.5351



9.6110, -3.2592, 18.7582

Previews

White Background



This preview shows how the YUV color 166.4670, 8.1508, -47.7676 looks on a white background.

Color Contrast Check

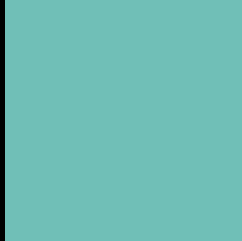
Large Text (above 18pt) WCAG AA × Fail

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 166.4670, 8.1508, -47.7676 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 166.4670, 8.1508, -47.7676

Background



This preview shows how black text looks on a background with the YUV color 166.4670, 8.1508, -47.7676.



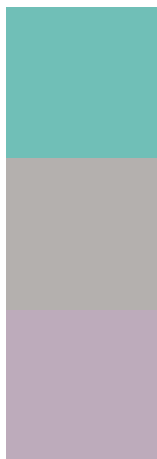
This preview shows how white text looks on a background with the YUV color 166.4670, 8.1508,

-47.7676.

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

166.4670, 8.1508, -47.7676

Protanopia

176.9680, -1.4632, 2.6591

Deuteranopia

178.2060, 4.3354, 9.4663



Tritanopia

168.7800, 16.8705, -44.5341

Trichromacy



Original Color

166.4670, 8.1508, -47.7676

Protanomaly

172.7700, 2.0854, -15.5843

Deuteranomaly

173.8290, 6.0003, -11.2510

Tritanomaly

167.9710, 13.8183, -45.5786

Monochromacy



Original Color

166.4670, 8.1508, -47.7676

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.9870, 2.9644, -17.5286

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.4670, 8.1508, -47.7676 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, 191, 183)` looks like.

```
.text, #text, p{  
    color:rgb(112, 191, 183)  
}
```

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, 191, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 191, 183) }
```

Border

The CSS property to change the border of an element to YUV 166.4670, 8.1508, -47.7676 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, 191, 183) }
```


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

```
.border{ border-color:rgb(112, 191, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 191, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 191, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 191, 183); box-shadow:4px 4px 4px 4px rgb(112, 191, 183) }
```

Background

The CSS property to change the background color of an element to YUV 166.4670, 8.1508, -47.7676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 191, 183) }
```

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

```
.background{ background-color: rgb(112,  
191, 183) }
```

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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