

Converting Colors

YUV(150.7590, 8.4998,
-66.4406)

Have a look what the booklet for
YUV(150.7590, 8.4998, -66.4406)
contains.

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Color

**YUV(150.7590, 8.4998,
-66.4406)**

Conversions

Conversions Part 1

Format	Color
Hex	4BBAA8
RGB	75, 186, 168
RGB Percent	29%, 73%, 66%
CMY	0.7059, 0.2706, 0.3412
CMYK	0.60, 0.00, 0.10, 0.27
HSL	170°, 45%, 51%
HSV	170°, 60%, 73%
XYZ	27.5284, 39.4408, 43.2077
YIQ	150.7590, -60.3780, -29.1300

Conversions

Conversions Part 2

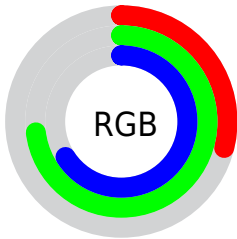
Format	Color
RYB	75, 135, 186
Decimal	4962984
CIELab	69.07, -35.86, -0.30
CIELCh	69, 35.865, 180.478
Yxy	39.4408, 0.2499, 0.3580
Android (android.graphics.Color)	4283153064 (0xFF4BBAA8)
YUV	150.7590, 8.4998, -66.4406
Hunter-Lab	62.8019, -31.6601, 3.1698

Details

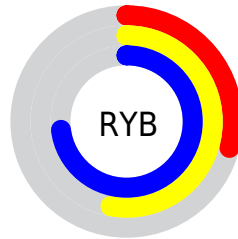
The YUV color **150.7590, 8.4998, -66.4406** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **110.2410, -8.4998, 66.4406**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.1290, 7.3314, -65.0111**, and **90.7080, 12.4690, -79.5509** is the 20% darker color. If you saturate the color by 10%, you get **144.7360, 9.9902, -77.8215**, and if you desaturate by 10%, it is **156.7820, 7.0095, -55.0598**.

Distribution



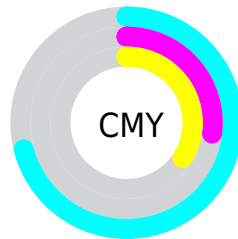
- Red (29%)
- Green (73%)
- Blue (66%)



- Red (29%)
- Yellow (53%)
- Blue (73%)



- Cyan (60%)
- Magenta (0%)
- Yellow (10%)
- Black (27%)



- Cyan (71%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YUV color 150.7590, 8.4998, -66.4406 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 150.7590, 8.4998, -66.4406 by changing the saturation by 10% instead.


 150.7590, 8.4998,
-66.4406

 150.7590, 8.4998,
-66.4406


255.0000, 0.0000,
0.0000


 121.7800, 9.9685,
-70.8441

 208.1290, 7.3314,
-65.0111


 90.7080, 12.4690,
-79.5509

 227.1500, 12.2510,
-56.2596


 72.7100, 9.5100,
-63.7667

 236.1630, 9.2866,
-38.7310

 55.8860, 5.9722,
-49.0120

 245.1330, 4.8644,
-20.2876

 39.2900, 3.3080,
-34.4573

 254.1030, 0.4422,
-1.8443

 24.5690, 0.2125,
-21.5470

 0.0000, 0.0000,

0.0000

■ 150.7590, 8.4998,
-66.4406

■ 150.7590, 8.4998,
-66.4406

■ 144.7360, 9.9902,
-77.8215

■ 156.7820, 7.0095,
-55.0598

■ 139.0120, 11.3331,
-88.5875

■ 162.5060, 5.6665,
-44.2938

■ 132.9890, 12.8234,
-99.9684

■ 168.5290, 4.1762,
-32.9129

■ 127.2650, 14.1664,
-110.7344

■ 174.2530, 2.8333,
-22.1469

■ 126.9660, 14.3138,
-111.3492

■ 180.2760, 1.3429,
-10.7661

■ 186.2990, -0.1474,
0.6148

■ 192.0230, -1.4903,
11.3808

■ 198.0460, -2.9807,
22.7617

■ 203.7700, -4.3236,
33.5277

Harmonies

Analogous

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



157.9080, -10.8006, -35.8763



150.7590, 8.4998, -66.4406



143.6540, 27.7786, -90.0276

Triad

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



150.7590, 8.4998, -66.4406



171.2970, 26.4756, 1.4935



169.0380, -27.6267, 41.1857

Complementary

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



150.7590, 8.4998, -66.4406



110.2410, -8.4998, 66.4406

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.



170.3890, -16.4608, 53.1558



150.7590, 8.4998, -66.4406



173.1670, 13.7217, 32.3025

Square

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



150.7590, 8.4998, -66.4406



164.3030, 33.8676, -36.2227



172.5640, -1.7571, 50.3714



166.5810, -31.3454, 20.5385

Rectangle

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



150.7590, 8.4998, -66.4406



147.5330, 34.7402, -82.9054



172.5640, -1.7571, 50.3714



169.5810, -24.4434, 46.8485

Sweetspot

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



150.7590, 8.4998, -66.4406



228.3450, 3.2809, -25.7356



145.8380, -34.9231, -45.4619



113.4710, 2.2328, -16.1991



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.



150.7590, 8.4998, -66.4406



186.7820, 13.4185, -104.1718



131.0920, 27.0696, -49.1927



89.0810, 0.4531, -5.3330



106.3920, 11.6387, -93.3058



19.1720, 2.3802, -16.8138

Inverse Universe

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



110.2410, -8.4998, 66.4406



123.2180, -13.4185, 104.1718



129.9080, -27.0696, 49.1927



85.8050, -0.8899, 5.4330



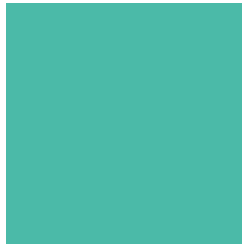
49.4940, -12.0755, 93.4058



8.9420, -1.9434, 16.7139

Previews

White Background



This preview shows how the YUV color 150.7590, 8.4998, -66.4406 looks on a white background.

Color Contrast Check

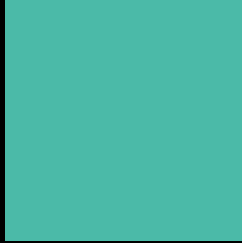
Large Text (above 18pt) WCAG AA × Fail

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 150.7590, 8.4998, -66.4406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

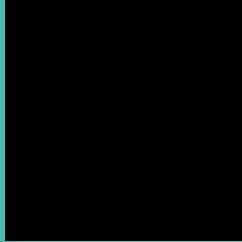
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 150.7590, 8.4998, -66.4406

Background



This preview shows how black text looks on a background with the YUV color 150.7590, 8.4998, -66.4406.

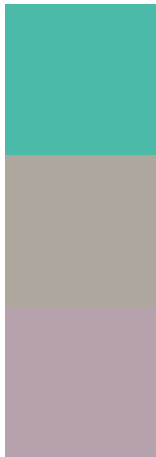


This preview shows how white text looks on a background with the YUV color 150.7590, 8.4998,

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

150.7590, 8.4998, -66.4406

Protanopia

167.6540, -5.2524, 4.6884

Deuteranopia

168.9350, 2.0040, 10.5810



Tritanopia

155.0060, 20.7030, -60.5183

Trichromacy



Original Color

150.7590, 8.4998, -66.4406

Protanomaly

161.4550, -0.2243, -21.4470

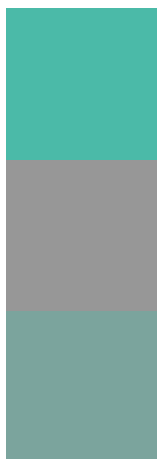
Deuteranomaly

162.3290, 4.2748, -17.8285

Tritanomaly

153.1430, 16.1985, -62.3924

Monochromacy



Original Color

150.7590, 8.4998, -66.4406

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.9430, 2.9861, -24.5060

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.7590, 8.4998, -66.4406 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(75, 186, 168)` looks like.

```
.text, #text, p{  
    color:rgb(75, 186, 168)  
}
```

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(75, 186, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 186, 168) }
```

Border

The CSS property to change the border of an element to YUV 150.7590, 8.4998, -66.4406 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(75, 186, 168) }
```


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

```
.border{ border-color:rgb(75, 186, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 186, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 186, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 186, 168);  
box-shadow:4px 4px 4px 4px rgb(75, 186,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 150.7590, 8.4998, -66.4406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 186, 168) }
```

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

```
.background{ background-color: rgb(75, 186,  
168) }
```

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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