

Converting Colors

YUV(84.9610, 8.8932, -52.5858)

Have a look what the booklet for
YUV(84.9610, 8.8932, -52.5858)
contains.

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Color

**YUV(84.9610, 8.8932,
-52.5858)**

Conversions

Conversions Part 1

Format	Color
Hex	197067
RGB	25, 112, 103
RGB Percent	10%, 44%, 40%
CMY	0.9020, 0.5608, 0.5961
CMYK	0.78, 0.00, 0.08, 0.56
HSL	174°, 64%, 27%
HSV	174°, 78%, 44%
XYZ	8.6433, 12.7743, 14.8421
YIQ	84.9610, -48.9630, -21.2430

Conversions

Conversions Part 2

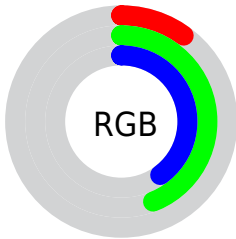
Format	Color
RYB	25, 71, 112
Decimal	1667175
CIELab	42.42, -26.97, -2.20
CIElCh	42, 27.060, 184.671
Yxy	12.7743, 0.2384, 0.3523
Android (android.graphics.Color)	4279857255 (0xFF197067)
YUV	84.9610, 8.8932, -52.5858
Hunter-Lab	35.7411, -19.3804, 0.3976

Details

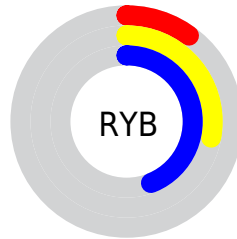
The YUV color **84.9610, 8.8932, -52.5858** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **52.0390, -8.8932, 52.5858**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.2390, 7.2772, -47.5676**, and **43.3650, 6.2291, -38.0311** is the 20% darker color. If you saturate the color by 10%, you get **81.5580, 10.0779, -59.2484**, and if you desaturate by 10%, it is **88.3640, 7.7085, -45.9232**.

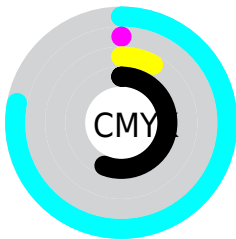
Distribution



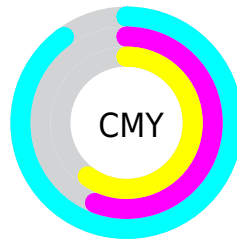
- Red (10%)
- Green (44%)
- Blue (40%)



- Red (10%)
- Yellow (28%)
- Blue (44%)



- Cyan (78%)
- Magenta (0%)
- Yellow (8%)
- Black (56%)



- Cyan (90%)
- Magenta (56%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.9610, 8.8932, -52.5858 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 84.9610, 8.8932, -52.5858 by changing the saturation by 10% instead.

84.9610, 8.8932,
-52.5858

84.9610, 8.8932,
-52.5858

255.0000, 0.0000,
0.0000

60.0750, 9.3300,
-52.6858

139.2390, 7.2772,
-47.5676

43.3650, 6.2291,
-38.0311

166.8260, 6.9878,
-48.0824

28.0570, 3.4229,
-24.6060

194.7120, 6.5510,
-47.9824

10.8740, 1.0481,
-9.5365

222.8260, 6.9878,
-48.0824

0.0000, 0.0000,
0.0000

237.3590, 8.6970,
-36.2718

246.0300, 4.4222,

-18.4433

254.7010, 0.1474,
-0.6148

■ 84.9610, 8.8932,
-52.5858

■ 84.9610, 8.8932,
-52.5858

■ 81.5580, 10.0779,
-59.2484

■ 88.3640, 7.7085,
-45.9232

■ 78.1550, 11.2626,
-65.9109

■ 91.7670, 6.5239,
-39.2607

■ 77.1440, 11.2680,
-67.6553

■ 95.4690, 5.1918,
-31.9833

■ 98.9860, 4.4439,
-25.4207

■ 102.3890, 3.2592,
-18.7582

■ 105.7920, 2.0745,
-12.0956

■ 109.1950, 0.8899,
-5.4330

■ 112.8970, -0.4422,
1.8443

■ 116.3000, -1.6269,
8.5069

Harmonies

Analogous

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



91.6300, -5.7336, -27.7395



84.9610, 8.8932, -52.5858



79.4070, 22.4773, -69.6399

Triad

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



84.9610, 8.8932, -52.5858



102.2020, 17.1554, 4.2078



99.7140, -19.5790, 26.5608

Complementary

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



84.9610, 8.8932, -52.5858



52.0390, -8.8932, 52.5858

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.



101.0170, -12.3334, 35.9421



84.9610, 8.8932, -52.5858



103.3310, 8.2178, 24.2657

Square

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



84.9610, 8.8932, -52.5858



97.5300, 22.9097, -21.5128



101.9490, -2.4399, 36.0017



98.1590, -21.2774, 11.2616

Rectangle

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



84.9610, 8.8932, -52.5858



81.8790, 26.6817, -64.7919



101.9490, -2.4399, 36.0017



100.4910, -17.9901, 30.2644

Sweetspot

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



84.9610, 8.8932, -52.5858



134.7910, 3.5540, -19.9877



79.0590, -26.6511, -38.6397



67.4930, 2.2220, -12.7104



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



84.9610, 8.8932, -52.5858



103.0390, 13.7848, -81.5952



66.6160, 22.3743, -36.4972



54.2060, 0.8844, -3.6887



82.6380, 12.0105, -72.4735



170.2970, 25.4896, -149.3505

Inverse Universe

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



52.0390, -8.8932, 52.5858



51.9610, -13.7848, 81.5952



70.3840, -22.3743, 36.4972



51.9080, -0.4476, 3.5887



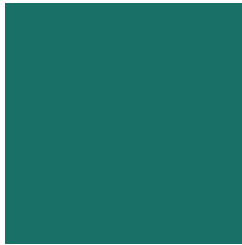
37.2480, -12.4473, 72.5735



76.8170, -25.0528, 149.2505

Previews

White Background



This preview shows how the YUV color 84.9610, 8.8932, -52.5858 looks on a white 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 × Fail

Black Background



This preview shows how the YUV color 84.9610, 8.8932, -52.5858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

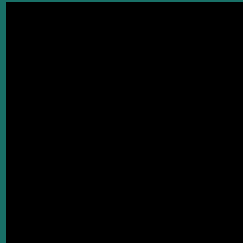
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.9610, 8.8932, -52.5858

Background



This preview shows how black text looks on a background with the YUV color 84.9610, 8.8932, -52.5858.



This preview shows how white text looks on a background with the YUV color 84.9610, 8.8932, -52.5858.

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

84.9610, 8.8932, -52.5858

Protanopia

99.5550, -1.7526, 2.1443

Deuteranopia

100.7170, 2.6045, 4.6332



Tritanopia

88.9000, 14.8393, -46.3933

Trichromacy



Original Color

84.9610, 8.8932, -52.5858

Protanomaly

94.4600, 2.2382, -17.9434

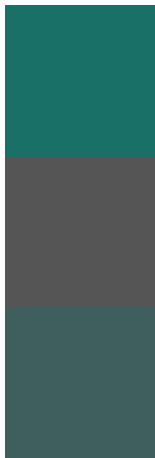
Deuteranomaly

94.8670, 4.9956, -15.6694

Tritanomaly

87.6070, 12.5187, -48.7673

Monochromacy



Original Color

84.9610, 8.8932, -52.5858

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.0900, 3.4066, -19.3729

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.9610, 8.8932, -52.5858 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(25, 112, 103)` looks like.

```
.text, #text, p{  
    color:rgb(25, 112, 103)  
}
```

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(25, 112, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 112, 103) }
```

Border

The CSS property to change the border of an element to YUV 84.9610, 8.8932, -52.5858 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(25, 112, 103) }
```


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

```
.border{ border-color:rgb(25, 112, 103) }
```

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

Here you see how a box with a 4 pixel rgb(25, 112, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 112, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 112, 103);  
box-shadow:4px 4px 4px 4px rgb(25, 112,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 84.9610, 8.8932, -52.5858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 112, 103) }
```

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

```
.background{ background-color: rgb(25, 112,  
103) }
```

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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