

Converting Colors

YUV(89.8330, -0.4107, -55.1045)

Have a look what the booklet for
YUV(89.8330, -0.4107, -55.1045)
contains.

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Color

**YUV(89.8330, -0.4107,
-55.1045)**

Conversions

Conversions Part 1

Format	Color
Hex	1B7A59
RGB	27, 122, 89
RGB Percent	11%, 48%, 35%
CMY	0.8941, 0.5216, 0.6510
CMYK	0.78, 0.00, 0.27, 0.52
HSL	159°, 64%, 29%
HSV	159°, 78%, 48%
XYZ	9.2147, 14.8733, 11.8364
YIQ	89.8330, -46.0270, -30.4030

Conversions

Conversions Part 2

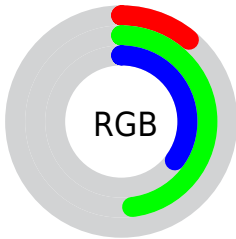
Format	Color
R_{YB}	27, 84, 122
Decimal	1800793
CIE _{Lab}	45.46, -35.22, 10.51
CIE _{LCh}	45, 36.756, 163.378
Yxy	14.8733, 0.2565, 0.4140
Android (android.graphics.Color)	4279990873 (0xFF1B7A59)
YUV	89.8330, -0.4107, -55.1045
Hunter-Lab	38.5660, -24.8409, 8.7994

Details

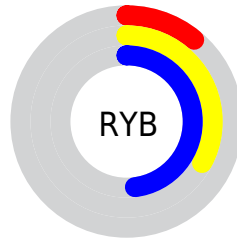
The YUV color **89.8330, -0.4107, -55.1045** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **59.1670, 0.4107, 55.1045**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.5840, -2.7529, -50.5012**, and **47.1660, -2.0538, -41.3646** is the 20% darker color. If you saturate the color by 10%, you get **85.7890, -0.3890, -62.0820**, and if you desaturate by 10%, it is **93.8770, -0.4324, -48.1271**.

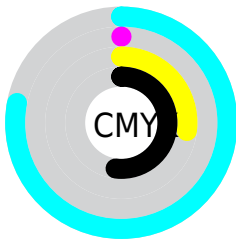
Distribution



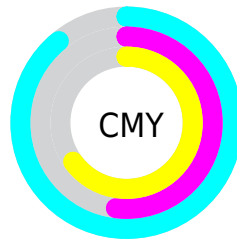
- Red (11%)
- Green (48%)
- Blue (35%)



- Red (11%)
- Yellow (33%)
- Blue (48%)



- Cyan (78%)
- Magenta (0%)
- Yellow (27%)
- Black (52%)



- Cyan (89%)
- Magenta (52%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.8330, -0.4107, -55.1045 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 89.8330, -0.4107, -55.1045 by changing the saturation by 10% instead.

89.8330, -0.4107,
-55.1045

89.8330, -0.4107,
-55.1045

255.0000, 0.0000,
0.0000

64.4630, 0.7577,
-56.5341

144.5840, -2.7529,
-50.5012

47.1660, -2.0538,
-41.3646

172.3560, -3.6265,
-50.3012

31.3850, -4.1338,
-27.5246

200.0570, -3.4791,
-50.9160

16.4360, -8.1029,
-14.4144

225.5950, -2.7583,
-48.7568

0.0000, 0.0000,
0.0000

237.5720, 5.6340,
-33.8276

246.9270, 3.9800,

-16.5990

■ 89.8330, -0.4107,
-55.1045

■ 89.8330, -0.4107,
-55.1045

■ 85.7890, -0.3890,
-62.0820

■ 93.8770, -0.4324,
-48.1271

■ 81.7450, -0.3673,
-69.0594

■ 97.9210, -0.4541,
-41.1497

■ 80.7340, -0.3619,
-70.8037

■ 102.3780, -0.1864,
-33.6575

■ 106.4220, -0.2080,
-26.6801

■ 110.4660, -0.2297,
-19.7027

■ 114.5100, -0.2514,
-12.7253

■ 118.6680, 0.1637,
-5.8478

■ 123.0110, -0.0054,
1.7444

■ 127.0550, -0.0271,
8.7218

Harmonies

Analogous

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



99.5420, -19.0012, -18.8923



89.8330, -0.4107, -55.1045



85.9950, 17.2575, -75.4176

Triad

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



89.8330, -0.4107, -55.1045



105.4790, 30.3299, -21.4681



107.4220, -19.9280, 45.2339

Complementary

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



89.8330, -0.4107, -55.1045



59.1670, 0.4107, 55.1045

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.



108.2990, -6.5564, 49.7268



89.8330, -0.4107, -55.1045



110.7780, 20.3224, 15.1037

Square

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



89.8330, -0.4107, -55.1045



87.0160, 38.9391, -76.3130



110.3160, 7.7322, 40.0649



106.0320, -28.6098, 29.7899

Rectangle

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



89.8330, -0.4107, -55.1045



87.5740, 25.8460, -76.8024



110.3160, 7.7322, 40.0649



107.7690, -16.1551, 48.4376

Sweetspot

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



89.8330, -0.4107, -55.1045



145.7540, -0.3717, -20.8323



92.6320, -32.3566, -28.6183



71.5100, -0.2514, -12.7253



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



89.8330, -0.4107, -55.1045



108.2330, -0.6079, -85.2733



85.3770, 18.0551, -51.1966



58.9780, 0.0108, -3.4887



82.7230, -0.3564, -72.5481



166.7340, -0.8549, -146.2257

Inverse Universe

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



59.1670, 0.4107, 55.1045



60.7670, 0.6079, 85.2733



63.6230, -18.0551, 51.1966



57.0220, -0.0108, 3.4887



42.2770, 0.3564, 72.5481



85.3800, 1.2917, 146.1257

Previews

White Background



This preview shows how the YUV color 89.8330, -0.4107, -55.1045 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 89.8330, -0.4107, -55.1045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

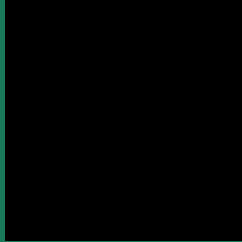
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.8330, -0.4107, -55.1045

Background



This preview shows how black text looks on a background with the YUV color 89.8330, -0.4107, -55.1045.



This preview shows how white text looks on a background with the YUV color 89.8330, -0.4107,

-55.1045.

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

89.8330, -0.4107, -55.1045

Protanopia

106.2430, -11.9518, 6.8029

Deuteranopia

107.5410, -7.1687, 12.6805



Tritanopia

97.2100, 14.6865, -44.0342

Trichromacy



Original Color

89.8330, -0.4107, -55.1045

Protanomaly

99.9520, -7.3713, -15.7439

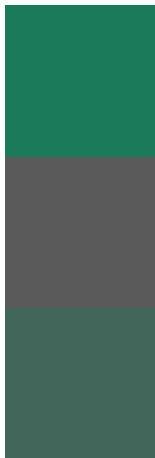
Deuteranomaly

101.0710, -4.4720, -12.3403

Tritanomaly

94.6950, 9.0244, -47.9675

Monochromacy



Original Color

89.8330, -0.4107, -55.1045

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.1670, -0.0823, -20.3175

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.8330, -0.4107, -55.1045 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(27, 122, 89)` looks like.

```
.text, #text, p{  
    color:rgb(27, 122, 89)  
}
```

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(27, 122, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 122, 89) }
```

Border

The CSS property to change the border of an element to YUV 89.8330, -0.4107, -55.1045 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(27, 122, 89) }
```


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

```
.border{ border-color:rgb(27, 122, 89) }
```

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

Here you see how a box with a 4 pixel rgb(27, 122, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 122, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 122, 89);  
box-shadow:4px 4px 4px 4px rgb(27, 122,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 89.8330, -0.4107, -55.1045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 122, 89) }
```

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

```
.background{ background-color: rgb(27, 122,  
89) }
```

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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