

Converting Colors

YUV(89.3060, -1.1369, -55.5194)

Have a look what the booklet for
YUV(89.3060, -1.1369, -55.5194)
contains.

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Color

**YUV(89.3060, -1.1369,
-55.5194)**

Conversions

Conversions Part 1

Format	Color
Hex	1A7A57
RGB	26, 122, 87
RGB Percent	10%, 48%, 34%
CMY	0.8980, 0.5216, 0.6588
CMYK	0.79, 0.00, 0.29, 0.52
HSL	158°, 65%, 29%
HSV	158°, 79%, 48%
XYZ	9.1058, 14.8268, 11.3988
YIQ	89.3060, -45.9810, -31.2370

Conversions

Conversions Part 2

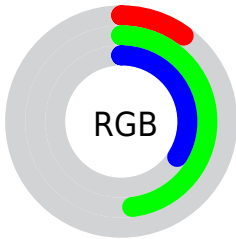
Format	Color
R_{YB}	26, 85, 122
Decimal	1735255
CIE _{Lab}	45.40, -35.85, 11.59
CIE _{LCh}	45, 37.680, 162.078
Yxy	14.8268, 0.2577, 0.4196
Android (android.graphics.Color)	4279925335 (0xFF1A7A57)
YUV	89.3060, -1.1369, -55.5194
Hunter-Lab	38.5056, -25.1729, 9.4024

Details

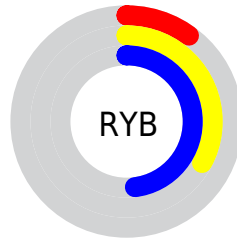
The YUV color **89.3060, -1.1369, -55.5194** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **58.6940, 1.1369, 55.5194**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.3560, -3.6265, -50.3012**, and **47.0520, -2.4906, -41.2646** is the 20% darker color. If you saturate the color by 10%, you get **85.2620, -1.1152, -62.4968**, and if you desaturate by 10%, it is **93.3500, -1.1585, -48.5419**.

Distribution



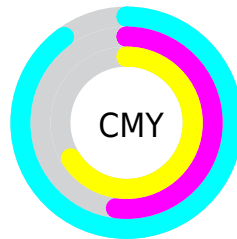
- Red (10%)
- Green (48%)
- Blue (34%)



- Red (10%)
- Yellow (33%)
- Blue (48%)



- Cyan (79%)
- Magenta (0%)
- Yellow (29%)
- Black (52%)



- Cyan (90%)
- Magenta (52%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.3060, -1.1369, -55.5194 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 89.3060, -1.1369, -55.5194 by changing the saturation by 10% instead.

89.3060, -1.1369,
-55.5194

89.3060, -1.1369,
-55.5194

255.0000, 0.0000,
0.0000

64.2350, -0.1159,
-56.3341

144.3560, -3.6265,
-50.3012

47.0520, -2.4906,
-41.2646

171.8290, -4.3527,
-50.7160

31.1570, -5.0074,
-27.3247

199.7150, -4.7895,
-50.6161

15.8490, -7.8136,
-13.8996

225.3670, -3.6319,
-48.5569

0.0000, 0.0000,
0.0000

237.0450, 4.9078,
-34.2425

246.6280, 4.1274,

-17.2138

■ 89.3060, -1.1369,
-55.5194

■ 89.3060, -1.1369,
-55.5194

■ 85.2620, -1.1152,
-62.4968

■ 93.3500, -1.1585,
-48.5419

■ 81.1040, -1.5303,
-69.3742

■ 97.5080, -0.7434,
-41.6645

■ 80.5060, -1.2355,
-70.6038

■ 101.8510, -0.9125,
-34.0723

■ 106.0090, -0.4974,
-27.1949

■ 110.0530, -0.5191,
-20.2175

■ 114.2110, -0.1040,
-13.3400

■ 118.2550, -0.1257,
-6.3626

■ 122.7120, 0.1420,
1.1296

■ 126.7560, 0.1203,
8.1070

Harmonies

Analogous

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



99.6130, -20.0222, -18.0776



89.3060, -1.1369, -55.5194



85.8810, 16.8207, -75.3176

Triad

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



89.3060, -1.1369, -55.5194



104.5110, 31.7931, -24.1271



107.1340, -19.7861, 46.3635

Complementary

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



89.3060, -1.1369, -55.5194



58.6940, 1.1369, 55.5194

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.



108.1250, -5.9776, 50.7564



89.3060, -1.1369, -55.5194



110.4080, 21.4909, 13.6742

Square

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



89.3060, -1.1369, -55.5194



87.1300, 39.3759, -76.4130



109.9570, 8.8952, 40.3797



105.6300, -28.9046, 31.0195

Rectangle

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



89.3060, -1.1369, -55.5194



88.1610, 25.5566, -77.3172



109.9570, 8.8952, 40.3797



107.0080, -15.2869, 49.9820

Sweetspot

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



89.3060, -1.1369, -55.5194



145.0420, -0.5137, -21.9618



92.8170, -32.9408, -27.9035



71.2110, -0.1040, -13.3400



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.



89.3060, -1.1369, -55.5194



107.2930, -1.6234, -86.2030



85.6650, 17.9132, -52.3262



58.9780, 0.0108, -3.4887



82.3810, -1.6668, -72.2481



166.1640, -3.0389, -145.7258

Inverse Universe

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



58.6940, 1.1369, 55.5194



59.8210, 2.0602, 86.1030



62.3350, -17.9132, 52.3262



57.0220, -0.0108, 3.4887



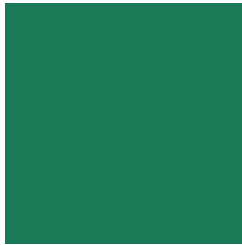
42.6190, 1.6668, 72.2481



85.8360, 3.0389, 145.7258

Previews

White Background



This preview shows how the YUV color 89.3060, -1.1369, -55.5194 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 89.3060, -1.1369, -55.5194 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 89.3060, -1.1369, -55.5194 Background



This preview shows how black text looks on a background with the YUV color 89.3060, -1.1369, -55.5194.



This preview shows how white text looks on a background with the YUV color 89.3060, -1.1369,

-55.5194.

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

89.3060, -1.1369, -55.5194

Protanopia

106.0150, -12.8254, 7.0028

Deuteranopia

107.6120, -8.1897, 13.4953



Tritanopia

97.0960, 14.2497, -43.9342

Trichromacy



Original Color

89.3060, -1.1369, -55.5194

Protanomaly

99.7240, -8.2449, -15.5439

Deuteranomaly

101.1420, -5.4930, -11.5255

Tritanomaly

94.2820, 8.7350, -48.4823

Monochromacy



Original Color

89.3060, -1.1369, -55.5194

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.0530, -0.5191, -20.2175

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.3060, -1.1369, -55.5194 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(26, 122, 87)` looks like.

```
.text, #text, p{  
    color:rgb(26, 122, 87)  
}
```

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(26, 122, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 122, 87) }
```

Border

The CSS property to change the border of an element to YUV 89.3060, -1.1369, -55.5194 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(26, 122, 87) }
```


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

```
.border{ border-color:rgb(26, 122, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 122, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 122, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 122, 87);  
box-shadow:4px 4px 4px 4px rgb(26, 122,  
87) }
```

Background

The CSS property to change the background color of an element to YUV 89.3060, -1.1369, -55.5194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 122, 87) }
```

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

```
.background{ background-color: rgb(26, 122,  
87) }
```

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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