

Converting Colors

YUV(123.0460, -16.7847,
-29.8583)

Have a look what the booklet for
YUV(123.0460, -16.7847, -29.8583)
contains.

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Color

**YUV(123.0460, -16.7847,
-29.8583)**

Conversions

Conversions Part 1

Format	Color
Hex	599359
RGB	89, 147, 89
RGB Percent	35%, 58%, 35%
CMY	0.6510, 0.4235, 0.6510
CMYK	0.39, 0.00, 0.39, 0.42
HSL	120°, 25%, 46%
HSV	120°, 39%, 58%
XYZ	16.3567, 23.7126, 13.1661
YIQ	123.0460, -15.9500, -30.3340

Conversions

Conversions Part 2

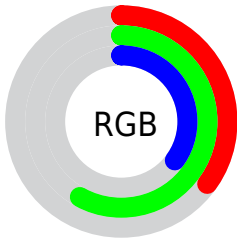
Format	Color
R_{YB}	89, 147, 147
Decimal	5870425
CIE _{Lab}	55.80, -31.36, 24.89
CIE _{LCh}	56, 40.041, 141.564
Yxy	23.7126, 0.3073, 0.4454
Android (android.graphics.Color)	4284060505 (0xFF599359)
YUV	123.0460, -16.7847, -29.8583
Hunter-Lab	48.6955, -25.2595, 18.0563

Details

The YUV color **123.0460, -16.7847, -29.8583** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **112.9540, 16.7847, 29.8583**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.4050, -17.9477, -30.1732**, and **72.5020, -15.0375, -30.2583** is the 20% darker color. If you saturate the color by 10%, you get **116.8510, -21.1255, -37.5803**, and if you desaturate by 10%, it is **129.2410, -12.4438, -22.1364**.

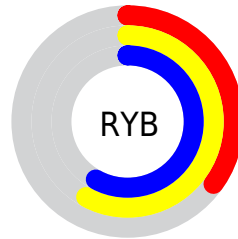
Distribution



Red (35%)

Green (58%)

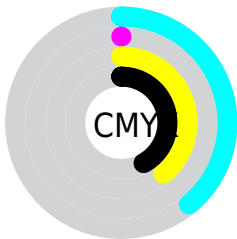
Blue (35%)



Red (35%)

Yellow (58%)

Blue (58%)

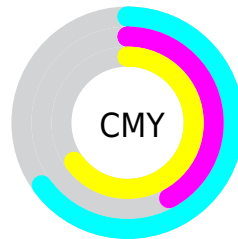


Cyan (39%)

Magenta (0%)

Yellow (39%)

Black (42%)



Cyan (65%)

Magenta (42%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.0460, -16.7847, -29.8583 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 123.0460, -16.7847, -29.8583 by changing the saturation by 10% instead.

■ 123.0460,
-16.7847, -29.8583

■ 123.0460,
-16.7847, -29.8583

■ 255.0000, 0.0000,
0.0000

■ 97.2740, -15.9111,
-30.0583

■ 176.4050,
-17.9477, -30.1732

■ 72.5020, -15.0375,
-30.2583

■ 204.4650,
-18.9632, -31.1028

■ 46.6370, -13.1320,
-34.7616

■ 230.7040,
-18.0951, -29.5584

■ 28.1760, -13.8908,
-24.7104

■ 242.2680, -9.9921,
-15.1440

■ 17.0230, -8.3923,
-14.9292

■ 254.1310, -2.0366,
-0.1149

■ 0.0000, 0.0000,
0.0000

■ 123.0460,
-16.7847, -29.8583

■ 123.0460,
-16.7847, -29.8583

■ 116.8510,
-21.1255, -37.5803

■ 129.2410,
-12.4438, -22.1364

■ 111.0690,
-25.1770, -44.7875

■ 135.0230, -8.3923,
-14.9292

■ 104.8740,
-29.5179, -52.5095

■ 141.2180, -4.0515,
-7.2072

■ 98.6790, -33.8587,
-60.2315

■ 147.4130, 0.2894,
0.5148

■ 92.8970, -37.9102,
-67.4387

■ 153.6080, 4.6303,
8.2368

■ 86.7020, -42.2511,
-75.1607

■ 159.3900, 8.6817,
15.4440

■ 86.2890, -42.5405,
-75.6755

■ 165.5850, 13.0226,
23.1660

■ 171.7800, 17.3635,

30.8879

■ 177.5620, 21.4149,
38.0951

Harmonies

Analogous

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



128.1010, -30.1228, 1.6654



123.0460, -16.7847, -29.8583



109.4220, 6.2010, -75.7921

Triad

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



123.0460, -16.7847, -29.8583



119.5600, 40.6429, -62.7581



134.5620, -12.1091, 57.3891

Complementary

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



123.0460, -16.7847, -29.8583



112.9540, 16.7847, 29.8583

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.



136.4590, 4.2107, 49.5865



123.0460, -16.7847, -29.8583



133.8870, 31.6077, -11.3019

Square

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



123.0460, -16.7847, -29.8583



108.1940, 38.8514, -94.8861



137.6160, 19.4163, 25.7698



133.4240, -26.3380, 47.8632

Rectangle

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



123.0460, -16.7847, -29.8583



105.8680, 19.7851, -92.8462



137.6160, 19.4163, 25.7698



135.2290, -7.0149, 56.8042

Sweetspot

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



123.0460, -16.7847, -29.8583



181.5010, -6.6560, -11.8404



140.3880, -25.3343, 5.7987



91.2180, -4.0515, -7.2072



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



123.0460, -16.7847, -29.8583



153.8300, -26.0452, -46.3319



126.3520, -4.1175, -32.7577



71.1090, -2.0257, -3.6036



81.0060, -39.9360, -71.0423



5.8700, -2.8939, -5.1480

Inverse Universe

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



112.9540, 16.7847, 29.8583



138.1700, 26.0452, 46.3319



109.6480, 4.1175, 32.7577



69.8910, 2.0257, 3.6036



56.9940, 39.9360, 71.0423



4.1300, 2.8939, 5.1480

Previews

White Background



This preview shows how the YUV color 123.0460, -16.7847, -29.8583 looks on a white 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

Black Background



This preview shows how the YUV color 123.0460, -16.7847, -29.8583 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 × Fail

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

YUV 123.0460, -16.7847, -29.8583 Background



This preview shows how black text looks on a background with the YUV color 123.0460, -16.7847, -29.8583.



This preview shows how white text looks on a background with the YUV color 123.0460, -16.7847, -29.8583.

-29.8583.

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

123.0460, -16.7847, -29.8583

Protanopia

131.0020, -23.1720, 12.2762

Deuteranopia

132.3930, -19.4207, 22.4573



Tritanopia

129.5930, 10.5537, -25.0761

Trichromacy



Original Color

123.0460, -16.7847, -29.8583

Protanomaly

128.1850, -20.7972, -2.7932

Deuteranomaly

128.9130, -18.1981, 3.5843

Tritanomaly

127.5360, 0.2288, -26.7801

Monochromacy



Original Color

123.0460, -16.7847, -29.8583

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.3270, -6.0772, -10.8108

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.0460, -16.7847, -29.8583 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(89, 147, 89)` looks like.

```
.text, #text, p{  
    color:rgb(89, 147, 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(89, 147, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 147, 89) }
```

Border

The CSS property to change the border of an element to YUV 123.0460, -16.7847, -29.8583 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(89, 147, 89) }
```


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

```
.border{ border-color:rgb(89, 147, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 147, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 147, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 147, 89);  
box-shadow:4px 4px 4px 4px rgb(89, 147,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 123.0460, -16.7847, -29.8583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 147, 89) }
```

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

```
.background{ background-color: rgb(89, 147,  
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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