

# Converting Colors

YUV(67.8220, 3.0458, -43.6939)

Have a look what the booklet for  
YUV(67.8220, 3.0458, -43.6939)  
contains.

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# Color

**YUV(67.8220, 3.0458,  
-43.6939)**

# Conversions

## Conversions Part 1

Format	Color
Hex	125C4A
RGB	18, 92, 74
RGB Percent	7%, 36%, 29%
CMY	0.9294, 0.6392, 0.7098
CMYK	0.80, 0.00, 0.20, 0.64
HSL	165°, 67%, 22%
HSV	165°, 80%, 36%
XYZ	5.3126, 8.2773, 7.7962
YIQ	67.8220, -38.3260, -21.2860

# Conversions

## Conversions Part 2

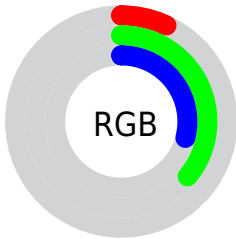
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	18, 60, 92
Decimal	1203274
CIE <sub>Lab</sub>	34.55, -26.73, 4.11
CIE <sub>LCh</sub>	35, 27.046, 171.255
Yxy	8.2773, 0.2484, 0.3870
Android (android.graphics.Color)	4279393354 (0xFF125C4A)
YUV	67.8220, 3.0458, -43.6939
Hunter-Lab	28.7703, -17.3868, 4.0727

# Details

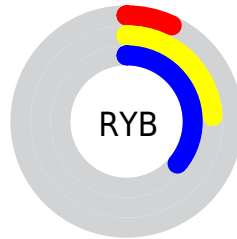
The YUV color **67.8220, 3.0458, -43.6939** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **42.1780, -3.0458, 43.6939**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.3880, 1.2877, -39.8053**, and **29.8350, 0.0813, -26.1653** is the 20% darker color. If you saturate the color by 10%, you get **64.9030, 3.4988, -49.0269**, and if you desaturate by 10%, it is **70.7410, 2.5927, -38.3609**.

# Distribution



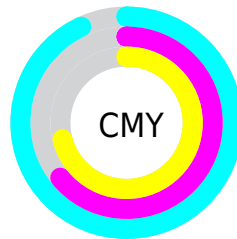
- Red (7%)
- Green (36%)
- Blue (29%)



- Red (7%)
- Yellow (24%)
- Blue (36%)



- Cyan (80%)
- Magenta (0%)
- Yellow (20%)
- Black (64%)




- Cyan (93%)
- Magenta (64%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 67.8220, 3.0458, -43.6939 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 67.8220, 3.0458, -43.6939 by changing the saturation by 10% instead.




 67.8220, 3.0458,  
-43.6939


 67.8220, 3.0458,  
-43.6939


255.0000, 0.0000,  
0.0000


 45.7300, 2.5981,  
-40.1052

 120.3880, 1.2877,  
-39.8053


 29.8350, 0.0813,  
-26.1653

 146.8610, 0.5615,  
-40.2201

 15.3590, -4.6140,  
-13.4698

 173.8610, 0.5615,  
-40.2201

 0.0000, 0.0000,  
0.0000

 201.4480, 0.2721,  
-40.7349

 230.0350, -0.0173,  
-41.2497

 241.8440, 6.4859,

-27.0502

250.5150, 2.2111,  
-9.2217

67.8220, 3.0458,  
-43.6939

67.8220, 3.0458,  
-43.6939

64.9030, 3.4988,  
-49.0269

70.7410, 2.5927,  
-38.3609

61.9840, 3.9519,  
-54.3600

73.6600, 2.1396,  
-33.0278

76.9920, 1.9759,  
-27.1800

79.9110, 1.5229,  
-21.8469

82.8300, 1.0698,  
-16.5139

■ 85.7490, 0.6167,  
-11.1809

■ 88.7820, 0.6005,  
-5.9478

■ 92.0000, 0.0000,  
0.0000

■ 94.9190, -0.4531,  
5.3330

# Harmonies

## Analogous

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



74.4310, -10.5655, -17.9180



67.8220, 3.0458, -43.6939



64.9480, 15.3086, -56.9594

# Triad

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



67.8220, 3.0458, -43.6939



81.4070, 19.5193, -7.3729



80.9470, -16.2429, 29.8645

# Complementary

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



67.8220, 3.0458, -43.6939



42.1780, -3.0458, 43.6939

# 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.



81.6840, -7.2392, 35.3571



67.8220, 3.0458, -43.6939



83.9000, 11.8813, 15.8737

# Square

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



67.8220, 3.0458, -43.6939



72.8870, 24.7057, -37.6119



82.8820, 2.5232, 30.7985



80.0180, -20.7149, 17.5242



# Rectangle

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



67.8220, 3.0458, -43.6939



65.8430, 21.2764, -57.7443



82.8820, 2.5232, 30.7985



81.6530, -13.6329, 32.7533

# Sweetspot

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



67.8220, 3.0458, -43.6939



110.5310, 1.2172, -17.1287



67.1190, -24.2157, -26.4144



55.1620, 0.9061, -10.6661



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000



# Same Dimension

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



67.8220, 3.0458, -43.6939



82.1240, 4.8689, -68.5147



59.3080, 16.1172, -36.2271



44.3910, 0.3002, -2.9739



74.0320, 4.4212, -64.9261



159.5250, 9.6012, -139.9034



# Inverse Universe

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



42.1780, -3.0458, 43.6939



41.8760, -4.8689, 68.5147



51.2790, -16.4065, 35.7123



42.6090, -0.3002, 2.9739



35.9680, -4.4212, 64.9261

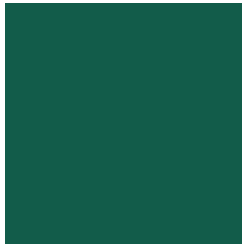


77.4750, -9.6012, 139.9034



# Previews

## White Background



This preview shows how the YUV color 67.8220, 3.0458, -43.6939 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 ✓ Pass



# Black Background



This preview shows how the YUV color 67.8220, 3.0458, -43.6939 looks on a black 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

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

**YUV 67.8220, 3.0458, -43.6939**

## **Background**



This preview shows how black text looks on a background with the YUV color 67.8220, 3.0458, -43.6939.



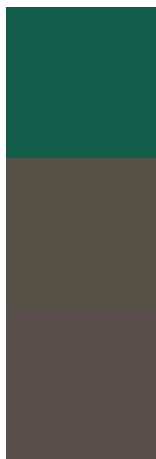
This preview shows how white text looks on a background with the YUV color 67.8220, 3.0458, -43.6939.



# 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

67.8220, 3.0458, -43.6939

### Protanopia

80.7140, -6.2680, 3.7588

### Deuteranopia

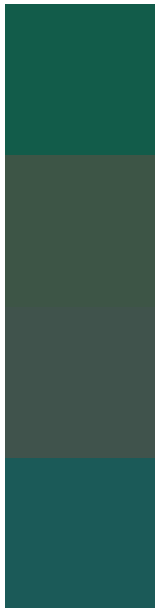
81.4740, -2.2057, 7.4773



## Tritanopia

72.7550, 11.4598, -35.7421

# Trichromacy



## Original Color

67.8220, 3.0458, -43.6939

## Protanomaly

76.1140, -3.0142, -13.2550

## Deuteranomaly

76.5210, -0.2569, -10.9809

## Tritanomaly

70.9350, 8.4130, -38.5310

# Monochromacy



## Original Color

67.8220, 3.0458, -43.6939

## Achromatopsia

68.0000, 0.0000, 0.0000

## Achromatomaly

68.1290, 0.9224, -15.8991

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 67.8220, 3.0458, -43.6939 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(18, 92, 74)` looks like.

```
.text, #text, p{  
    color:rgb(18, 92, 74)  
}
```

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(18, 92, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 92, 74) }
```

## Border

The CSS property to change the border of an element to YUV 67.8220, 3.0458, -43.6939 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(18, 92, 74) }
```



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

```
.border{ border-color:rgb(18, 92, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 92, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 92, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 92, 74);  
box-shadow:4px 4px 4px 4px rgb(18, 92, 74)  
}
```

# Background

The CSS property to change the background color of an element to YUV 67.8220, 3.0458, -43.6939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 92, 74) }
```

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

```
.background{ background-color: rgb(18, 92,  
74) }
```

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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