

# Converting Colors

YUV(89.0200, -27.1249,  
20.1535)

Have a look what the booklet for  
YUV(89.0200, -27.1249, 20.1535)  
contains.

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# Color

**YUV(89.0200, -27.1249,  
20.1535)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	705822
RGB	112, 88, 34
RGB Percent	44%, 35%, 13%
CMY	0.5608, 0.6549, 0.8667
CMYK	0.00, 0.21, 0.70, 0.56
HSL	42°, 53%, 29%
HSV	42°, 70%, 44%
XYZ	10.4605, 10.5397, 2.9964
YIQ	89.0200, 31.6380, -11.7060

# Conversions

## Conversions Part 2

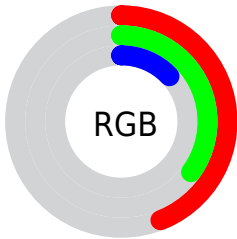
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	69, 112, 34
Decimal	7362594
CIE <sub>Lab</sub>	38.79, 3.43, 34.09
CIE <sub>LCh</sub>	39, 34.262, 84.254
Yxy	10.5397, 0.4359, 0.4392
Android (android.graphics.Color)	4285552674 (0xFF705822)
YUV	89.0200, -27.1249, 20.1535
Hunter-Lab	32.4649, 0.7012, 17.2531

# Details

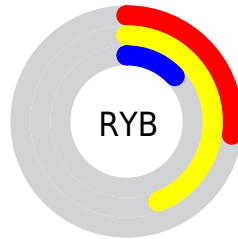
The YUV color **89.0200, -27.1249, 20.1535** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **56.9800, 27.1249, -20.1535**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.8740, -29.0249, 22.9125**, and **43.7790, -21.5830, 15.9798** is the 20% darker color. If you saturate the color by 10%, you get **86.0050, -31.0615, 22.7976**, and if you desaturate by 10%, it is **92.0350, -23.1883, 17.5093**.

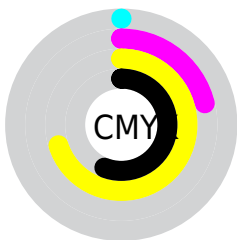
# Distribution



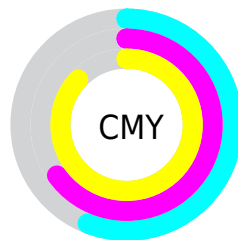
- Red (44%)
- Green (35%)
- Blue (13%)



- Red (27%)
- Yellow (44%)
- Blue (13%)



- Cyan (0%)
- Magenta (21%)
- Yellow (70%)
- Black (56%)



- Cyan (56%)
- Magenta (65%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 89.0200, -27.1249, 20.1535 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 89.0200, -27.1249, 20.1535 by changing the saturation by 10% instead.



■ 89.0200, -27.1249,  
20.1535

■ 89.0200, -27.1249,  
20.1535

■ 255.0000, 0.0000,  
0.0000

■ 65.0090, -27.1194,  
18.4091

■ 139.8740,  
-29.0249, 22.9125

■ 43.7790, -21.5830,  
15.9798

■ 166.3580,  
-29.7565, 24.2420

■ 24.2650, -11.9626,  
10.2916

■ 193.8420,  
-30.4881, 25.5716

■ 0.0000, 0.0000,  
0.0000

■ 221.9130,  
-31.5091, 26.3863

■ 242.3240,  
-28.2607, 11.1169

■ 250.2120,

-18.3455, 4.1991

253.5180, -5.6784,  
1.2997

89.0200, -27.1249,  
20.1535

89.0200, -27.1249,  
20.1535

86.0050, -31.0615,  
22.7976

92.0350, -23.1883,  
17.5093

82.4030, -34.7087,  
25.9566

95.6370, -19.5410,  
14.3504

79.2740, -39.0821,  
28.7007

98.7660, -15.1676,  
11.6062

102.3680,  
-11.5204, 8.4473

105.3830, -7.5838,  
5.8031

■ 108.9850, -3.9366,  
2.6442

■ 112.0000, 0.0000,  
0.0000

■ 115.7160, 4.0840,  
-3.2589

■ 118.7310, 8.0206,  
-5.9031

# Harmonies

## Analogous

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



90.6120, -21.5007, 36.2973



89.0200, -27.1249, 20.1535



86.6860, -24.0022, -1.4786

# Triad

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



89.0200, -27.1249, 20.1535



74.5170, 18.9721, -65.3514



94.0410, 14.7698, 22.7660

# Complementary

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



89.0200, -27.1249, 20.1535



56.9800, 27.1249, -20.1535

# 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.



91.7860, 24.7555, -6.8283



89.0200, -27.1249, 20.1535



75.3780, 29.8866, -66.1065

# Square

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



89.0200, -27.1249, 20.1535



71.3250, 6.7418, -62.5520



77.1820, 33.9273, -55.4106



92.9480, 2.4906, 41.2646



# Rectangle

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



89.0200, -27.1249, 20.1535



83.8240, -16.6752, -18.2626



77.1820, 33.9273, -55.4106



94.1970, 18.1439, 13.8592

# Sweetspot

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



89.0200, -27.1249, 20.1535



136.2970, -10.4994, 7.6325



60.1720, -0.5778, 45.4532



68.3120, -6.5628, 4.9884



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.



89.0200, -27.1249, 20.1535



109.3730, -42.5819, 31.2449



98.9220, -32.0065, -0.8086



54.1420, -2.0420, 1.6295



84.6010, -41.7083, 31.0449



174.2300, -85.8954, 63.8193



# Inverse Universe

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



56.9800, 27.1249, -20.1535



59.2140, 42.2925, -31.7597



47.0780, 32.0065, 0.8086



51.8580, 2.0420, -1.6295



35.3990, 41.7083, -31.0449



72.7700, 85.8954, -63.8193



# Previews

## White Background



This preview shows how the YUV color 89.0200, -27.1249, 20.1535 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 89.0200, -27.1249, 20.1535 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 89.0200, -27.1249, 20.1535

## Background



This preview shows how black text looks on a background with the YUV color 89.0200, -27.1249, 20.1535.



This preview shows how white text looks on a background with the YUV color 89.0200, -27.1249,



# 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

89.0200, -27.1249, 20.1535

### Protanopia

88.4920, -26.3716, 11.8465

### Deuteranopia

89.0310, -27.1303, 21.8978



## Tritanopia

92.9640, -1.9543, 20.2026

# Trichromacy



## Original Color

89.0200, -27.1249, 20.1535

## Protanomaly

89.1010, -26.6718, 14.8204

## Deuteranomaly

88.7320, -26.9829, 21.2830

## Tritanomaly

91.5590, -11.1216, 20.5578

# Monochromacy



## Original Color

89.0200, -27.1249, 20.1535

## Achromatopsia

89.0000, 0.0000, 0.0000

## Achromatomaly

89.1120, -9.9152, 6.9178

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 89.0200, -27.1249, 20.1535 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(112, 88, 34)` looks like.

```
.text, #text, p{  
    color:rgb(112, 88, 34)  
}
```

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(112, 88, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 88, 34) }
```

## Border

The CSS property to change the border of an element to YUV 89.0200, -27.1249, 20.1535 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(112, 88, 34) }
```



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

```
.border{ border-color:rgb(112, 88, 34) }
```

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

Here you see how a box with a 4 pixel rgb(112, 88, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 88, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 88, 34);  
box-shadow:4px 4px 4px 4px rgb(112, 88,  
34) }
```

# Background

The CSS property to change the background color of an element to YUV 89.0200, -27.1249, 20.1535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 88, 34) }
```

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

```
.background{ background-color: rgb(112, 88,  
34) }
```

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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