

Converting Colors

YUV(89.2310, -27.2289, 6.8134)

Have a look what the booklet for
YUV(89.2310, -27.2289, 6.8134)
contains.

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Color

**YUV(89.2310, -27.2289,
6.8134)**

Conversions

Conversions Part 1

Format	Color
Hex	616022
RGB	97, 96, 34
RGB Percent	38%, 38%, 13%
CMY	0.6196, 0.6235, 0.8667
CMYK	0.00, 0.01, 0.65, 0.62
HSL	59°, 48%, 26%
HSV	59°, 65%, 38%
XYZ	9.4014, 11.0226, 3.1454
YIQ	89.2310, 20.4980, -19.0700

Conversions

Conversions Part 2

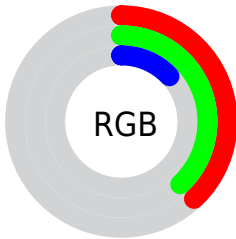
Format	Color
R_{YB}	35, 97, 34
Decimal	6381602
CIE Lab	39.62, -8.50, 34.53
CIE LCh	40, 35.558, 103.830
Yxy	11.0226, 0.3989, 0.4677
Android (android.graphics.Color)	4284571682 (0xFF616022)
YUV	89.2310, -27.2289, 6.8134
Hunter-Lab	33.2003, -7.5546, 17.6230

Details

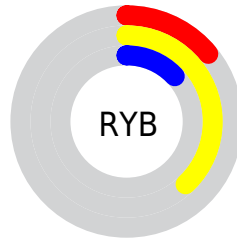
The YUV color **89.2310, -27.2289, 6.8134** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **41.7690, 27.2289, -6.8134**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.6010, -28.3973, 8.2429**, and **44.0010, -21.6925, 4.3841** is the 20% darker color. If you saturate the color by 10%, you get **88.0910, -31.5969, 7.8132**, and if you desaturate by 10%, it is **90.3710, -22.8609, 5.8136**.

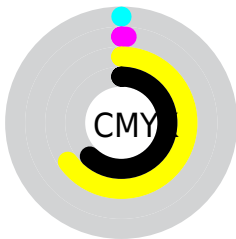
Distribution



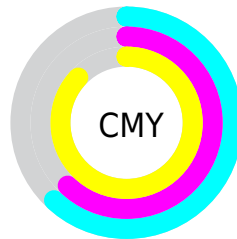
- Red (38%)
- Green (38%)
- Blue (13%)



- Red (14%)
- Yellow (38%)
- Blue (13%)



- Cyan (0%)
- Magenta (1%)
- Yellow (65%)
- Black (62%)



- Cyan (62%)
- Magenta (62%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.2310, -27.2289, 6.8134 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 89.2310, -27.2289, 6.8134 by changing the saturation by 10% instead.

89.2310, -27.2289,
6.8134

89.2310, -27.2289,
6.8134

255.0000, 0.0000,
0.0000

64.8180, -27.5183,
6.2986

139.6010,
-28.3973, 8.2429

44.0010, -21.6925,
4.3841

166.6720,
-29.4183, 9.0577

24.4980, -12.0775,
0.4403

193.7430,
-30.4393, 9.8724

0.0000, 0.0000,
0.0000

221.6290,
-30.8761, 9.9724

247.1340,
-30.1391, 6.8985

250.3260,

-17.9087, 4.0991

253.6320, -5.2416,
1.1997

89.2310, -27.2289,
6.8134

89.2310, -27.2289,
6.8134

88.0910, -31.5969,
7.8132

90.3710, -22.8609,
5.8136

87.0650, -35.5280,
8.7130

91.3970, -18.9297,
4.9138

85.9250, -39.8960,
9.7128

92.5370, -14.5617,
3.9141

84.7680, -41.7906,
10.7275

94.2640, -10.4832,
2.3995

95.4040, -6.1152,
1.3997

■ 96.4300, -2.1840,
0.4999

■ 97.5700, 2.1840,
-0.4999

■ 98.7100, 6.5520,
-1.4997

■ 99.7360, 10.4832,
-2.3995

Harmonies

Analogous

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



91.3630, -27.2940, 27.7456



89.2310, -27.2289, 6.8134



85.5960, -17.5488, -18.0627

Triad

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



89.2310, -27.2289, 6.8134



77.3840, 27.4187, -67.8658



95.1910, 7.3008, 38.4205

Complementary

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



89.2310, -27.2289, 6.8134



41.7690, 27.2289, -6.8134

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.



96.1370, 19.1595, 14.7889



89.2310, -27.2289, 6.8134



76.2730, 35.8544, -66.8914

Square

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



89.2310, -27.2289, 6.8134



75.4800, 15.0464, -66.1960



91.1370, 29.0195, -21.1681



93.1030, -5.9668, 47.2677

Rectangle

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



89.2310, -27.2289, 6.8134



80.3250, -6.5692, -39.7500



91.1370, 29.0195, -21.1681



95.8850, 11.3957, 31.6729

Sweetspot

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



89.2310, -27.2289, 6.8134



122.2640, -10.4832, 2.3995



52.9510, -8.8498, 38.6310



62.2900, -6.5520, 1.4997



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



89.2310, -27.2289, 6.8134



112.6540, -42.2274, 10.8274



80.8480, -23.0961, -12.1447



47.5440, -1.7472, 0.3999



98.0580, -48.3426, 12.2271



210.2920, -103.6740, 26.0539

Inverse Universe

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



41.7690, 27.2289, -6.8134



39.3460, 42.2274, -10.8274



50.1520, 23.0961, 12.1447



44.4560, 1.7472, -0.3999



13.9420, 48.3426, -12.2271



29.7080, 103.6740, -26.0539

Previews

White Background



This preview shows how the YUV color 89.2310, -27.2289, 6.8134 looks on a white background.

Color Contrast Check

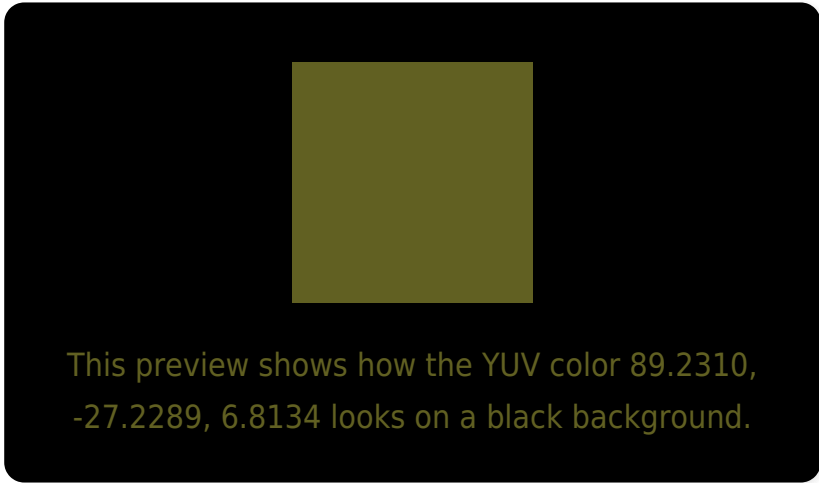
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

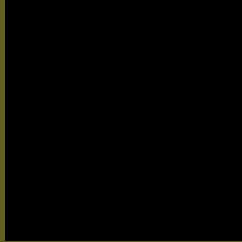
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.2310, -27.2289, 6.8134

Background



This preview shows how black text looks on a background with the YUV color 89.2310, -27.2289, 6.8134.



This preview shows how white text looks on a background with the YUV color 89.2310, -27.2289,

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

89.2310, -27.2289, 6.8134

Protanopia

90.0360, -28.1187, 12.2464

Deuteranopia

91.0310, -27.1303, 21.8978



Tritanopia

94.6850, 1.1413, 7.2923

Trichromacy



Original Color

89.2310, -27.2289, 6.8134

Protanomaly

89.7260, -27.9659, 9.8873

Deuteranomaly

90.5850, -27.4034, 16.1500

Tritanomaly

92.6390, -9.1890, 7.3326

Monochromacy



Original Color

89.2310, -27.2289, 6.8134

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.3780, -10.0464, 2.2995

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.2310, -27.2289, 6.8134 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(97, 96, 34)` looks like.

```
.text, #text, p{  
    color:rgb(97, 96, 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(97, 96, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 96, 34) }
```

Border

The CSS property to change the border of an element to YUV 89.2310, -27.2289, 6.8134 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(97, 96, 34) }
```


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

```
.border{ border-color:rgb(97, 96, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 96, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 96, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 96, 34);  
box-shadow:4px 4px 4px 4px rgb(97, 96, 34)  
}
```

Background

The CSS property to change the background color of an element to YUV 89.2310, -27.2289, 6.8134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 96, 34) }
```

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

```
.background{ background-color: rgb(97, 96,  
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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