

Converting Colors

YUV(89.4850, 31.3129,
-10.0723)

Have a look what the booklet for
YUV(89.4850, 31.3129, -10.0723)
contains.

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Color

**YUV(89.4850, 31.3129,
-10.0723)**

Conversions

Conversions Part 1

Format	Color
Hex	4E5399
RGB	78, 83, 153
RGB Percent	31%, 33%, 60%
CMY	0.6941, 0.6745, 0.4000
CMYK	0.49, 0.46, 0.00, 0.40
HSL	236°, 32%, 45%
HSV	236°, 49%, 60%
XYZ	11.9849, 10.1061, 31.4560
YIQ	89.4850, -25.4500, 20.7100

Conversions

Conversions Part 2

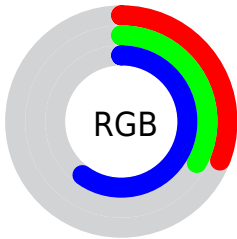
Format	Color
R_{YB}	78, 83, 153
Decimal	5133209
CIE _{Lab}	38.03, 17.83, -39.06
CIE _{LCh}	38, 42.933, 294.538
Yxy	10.1061, 0.2238, 0.1887
Android (android.graphics.Color)	4283323289 (0xFF4E5399)
YUV	89.4850, 31.3129, -10.0723
Hunter-Lab	31.7901, 11.6620, -36.4137

Details

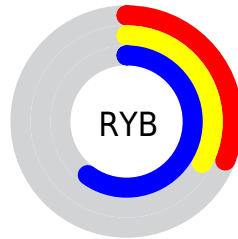
The YUV color **89.4850, 31.3129, -10.0723** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **141.5150, -31.3129, 10.0723**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.3650, 33.3441, -8.2131**, and **40.6860, 29.7348, -17.2646** is the 20% darker color. If you saturate the color by 10%, you get **76.7820, 37.5755, -12.0868**, and if you desaturate by 10%, it is **102.1880, 25.0503, -8.0579**.

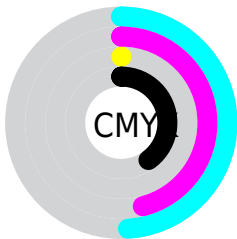
Distribution



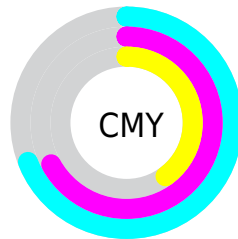
- Red (31%)
- Green (33%)
- Blue (60%)



- Red (31%)
- Yellow (33%)
- Blue (60%)



- Cyan (49%)
- Magenta (46%)
- Yellow (0%)
- Black (40%)



- Cyan (69%)
- Magenta (67%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.4850, 31.3129, -10.0723 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 89.4850, 31.3129, -10.0723 by changing the saturation by 10% instead.

■ 89.4850, 31.3129,
-10.0723

■ 89.4850, 31.3129,
-10.0723

■ 255.0000, 0.0000,
0.0000

■ 64.9470, 30.5921,
-12.2315

■ 140.3650, 33.3441,
-8.2131

■ 40.6860, 29.7348,
-17.2646

■ 167.1910, 33.9228,
-7.1835

■ 19.9310, 28.1350,
-17.4795

■ 193.5780, 30.2810,
-5.7689

■ 6.1560, 23.5871,
-5.3988

■ 218.3860, 18.0507,
-2.9695

■ 4.7080, 12.9620,
-4.1289

■ 243.4930, 5.6730,
0.4446

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,

0.0000

■ 89.4850, 31.3129,
-10.0723

■ 89.4850, 31.3129,
-10.0723

■ 76.7820, 37.5755,
-12.0868

■ 102.1880, 25.0503,
-8.0579

■ 63.1930, 44.2749,
-14.2013

■ 115.7770, 18.3509,
-5.9434

■ 50.4900, 50.5374,
-16.2157

■ 128.4800, 12.0884,
-3.9290

■ 37.7870, 56.8000,
-18.2302

■ 141.1830, 5.8258,
-1.9145

■ 25.0840, 63.0626,
-20.2447

■ 154.1850, -0.5842,
0.7148

■ 23.3120, 63.9362,
-20.4446

■ 167.4750, -7.1362,
2.2144

■ 180.1780,
-13.3988, 4.2289

■ 192.8810,
-19.6613, 6.2434

■ 206.4700,
-26.3607, 8.3578

Harmonies

Analogous

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



73.8910, 41.9587, -64.8024



89.4850, 31.3129, -10.0723



92.1110, 18.6793, 28.8437

Triad

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



89.4850, 31.3129, -10.0723



87.2880, -26.7640, 44.4744



71.5700, 5.1420, -62.7669

Complementary

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



89.4850, 31.3129, -10.0723



141.5150, -31.3129, 10.0723

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.



74.8000, -13.7054, -37.5356



89.4850, 31.3129, -10.0723



85.5230, -36.7398, 24.0973

Square

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



89.4850, 31.3129, -10.0723



86.9640, -11.8143, 56.1596



82.1390, -31.1275, -2.7529



75.5600, 20.4299, -66.2661

Rectangle

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



89.4850, 31.3129, -10.0723



89.8160, 9.4577, 46.6424



82.1390, -31.1275, -2.7529



69.6150, 0.1898, -61.0524

Sweetspot

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



89.4850, 31.3129, -10.0723



173.5940, 12.5252, -4.0289



130.0050, 8.8715, -45.6084



84.5250, 7.1362, -2.2144



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



89.4850, 31.3129, -10.0723



99.4470, 49.0796, -15.3010



96.4170, 27.8954, 12.7893



69.9120, 3.4944, -0.7998



21.2430, 58.5472, -18.6301



2.0690, 5.3890, -1.8145

Inverse Universe

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



100.9950, -8.8715, 45.6084



117.7810, -14.1890, 71.2291



134.8820, -28.0428, -12.1745



71.3920, -1.1793, 4.9182



42.8860, -16.7058, 85.1690



4.0010, -1.4795, 7.8921

Previews

White Background



This preview shows how the YUV color 89.4850, 31.3129, -10.0723 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 89.4850, 31.3129, -10.0723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

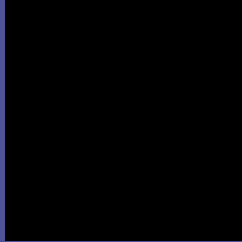
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.4850, 31.3129, -10.0723

Background



This preview shows how black text looks on a background with the YUV color 89.4850, 31.3129, -10.0723.



This preview shows how white text looks on a background with the YUV color 89.4850, 31.3129, -10.0723.

-10.0723.

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

89.4850, 31.3129, -10.0723

Protanopia

86.0100, 34.9981, -25.4418

Deuteranopia

83.4990, 33.2780, -33.7636



Tritanopia

86.2300, 7.7746, -20.3727

Trichromacy



Original Color

89.4850, 31.3129, -10.0723

Protanomaly

87.7010, 33.6714, -19.9088

Deuteranomaly

85.4400, 32.8141, -24.9419

Tritanomaly

87.5430, 16.4943, -17.1392

Monochromacy



Original Color

89.4850, 31.3129, -10.0723

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.2520, 11.2148, -3.7290

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.4850, 31.3129, -10.0723 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(78, 83, 153)` looks like.

```
.text, #text, p{  
    color:rgb(78, 83, 153)  
}
```

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(78, 83, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 83, 153) }
```

Border

The CSS property to change the border of an element to YUV 89.4850, 31.3129, -10.0723 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(78, 83, 153) }
```


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

```
.border{ border-color:rgb(78, 83, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 83, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 83, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 83, 153);  
box-shadow:4px 4px 4px 4px rgb(78, 83,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 89.4850, 31.3129, -10.0723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 83, 153) }
```

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

```
.background{ background-color: rgb(78, 83,  
153) }
```

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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