

Converting Colors

YUV(88.7380, 67.6702,
-51.5132)

Have a look what the booklet for
YUV(88.7380, 67.6702, -51.5132)
contains.

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Color

**YUV(88.7380, 67.6702,
-51.5132)**

Conversions

Conversions Part 1

Format	Color
Hex	1E5CE2
RGB	30, 92, 226
RGB Percent	12%, 36%, 89%
CMY	0.8824, 0.6392, 0.1137
CMYK	0.87, 0.59, 0.00, 0.11
HSL	221°, 77%, 50%
HSV	221°, 87%, 89%
XYZ	18.0900, 13.4213, 73.5886
YIQ	88.7380, -79.9660, 28.5300

Conversions

Conversions Part 2

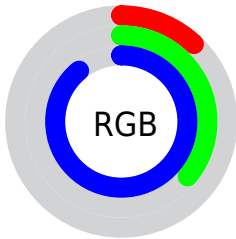
Format	Color
R _Y B	30, 77, 226
Decimal	1989858
CIE Lab	43.39, 31.61, -73.12
CIE LCh	43, 79.657, 293.382
Yxy	13.4213, 0.1721, 0.1277
Android (android.graphics.Color)	4280179938 (0xFF1E5CE2)
YUV	88.7380, 67.6702, -51.5132
Hunter-Lab	36.6351, 24.0301, -93.4508

Details

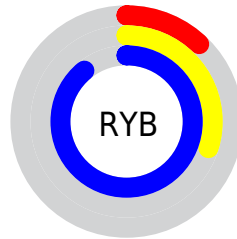
The YUV color **88.7380, 67.6702, -51.5132** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **167.2620, -67.6702, 51.5132**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.2110, 53.6330, -29.1260**, and **47.4420, 59.9281, -41.6066** is the 20% darker color. If you saturate the color by 10%, you get **73.0560, 75.4014, -57.9311**, and if you desaturate by 10%, it is **104.4200, 59.9389, -45.0953**.

Distribution



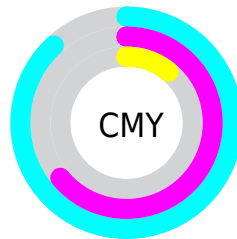
- Red (12%)
- Green (36%)
- Blue (89%)



- Red (12%)
- Yellow (30%)
- Blue (89%)



- Cyan (87%)
- Magenta (59%)
- Yellow (0%)
- Black (11%)



- Cyan (88%)
- Magenta (64%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.7380, 67.6702, -51.5132 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 88.7380, 67.6702, -51.5132 by changing the saturation by 10% instead.

■ 88.7380, 67.6702,
-51.5132

■ 88.7380, 67.6702,
-51.5132

■ 255.0000, 0.0000,
0.0000

■ 62.9610, 66.0812,
-55.2168

■ 146.2110, 53.6330,
-29.1260

■ 47.4420, 59.9281,
-41.6066

■ 171.3400, 41.2444,
-22.2232

■ 33.2110, 53.6330,
-29.1260

■ 196.4580, 28.8612,
-17.0647

■ 18.5070, 48.0640,
-16.2306

■ 222.1630, 16.1886,
-12.4210

■ 16.7170, 36.1285,
-14.6608

■ 247.8680, 3.5161,
-7.7772

■ 11.6330, 26.8029,
-10.2021

■ 6.6630, 17.9141,

-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 88.7380, 67.6702,
-51.5132

■ 88.7380, 67.6702,
-51.5132

■ 73.0560, 75.4014,
-57.9311

■ 104.4200, 59.9389,
-45.0953

■ 67.4410, 78.1696,
-59.1458

■ 120.3900, 52.0657,
-39.8070

■ 136.0720, 44.3345,
-33.3891

■ 152.0420, 36.4613,
-28.1008

■ 167.7240, 28.7301,
-21.6829

■ 183.9930, 20.7095,
-15.7799

■ 199.3760, 13.1256,
-9.9768

■ 215.6450, 5.1050,
-4.0737

■ 231.0280, -2.4788,
1.7294

Harmonies

Analogous

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



94.9960, 69.5150, -83.3115



88.7380, 67.6702, -51.5132



98.0740, 41.8685, 57.8171

Triad

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



88.7380, 67.6702, -51.5132



90.8230, -44.7757, 81.7162



84.8260, 0.0858, -74.3924

Complementary

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



88.7380, 67.6702, -51.5132



167.2620, -67.6702, 51.5132

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.



72.7880, -35.8845, -63.8351



88.7380, 67.6702, -51.5132



97.0270, -47.8343, 35.9333

Square

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



88.7380, 67.6702, -51.5132



69.3590, -7.0790, 124.2192



89.6420, -44.1935, -11.9640



93.2790, 29.9355, -81.8057

Rectangle

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



88.7380, 67.6702, -51.5132



75.3900, 32.8387, 107.5290



89.6420, -44.1935, -11.9640



81.6170, -9.6712, -71.5781

Sweetspot

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



88.7380, 67.6702, -51.5132



208.8510, 22.7515, -17.4093



160.3280, 1.8103, -114.2977



99.6040, 13.9992, -10.1767



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



88.7380, 67.6702, -51.5132



76.6170, 87.9428, -67.1931



63.1080, 80.3058, 2.5363



104.6020, 3.6472, -3.1590



52.9360, 60.6706, -46.4249



14.2770, 16.6254, -12.5209

Inverse Universe

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



95.6720, -1.8103, 114.2977



85.4790, -2.2081, 148.6699



192.8920, -80.3058, -2.5363



104.7450, 0.1257, 6.3626



59.0080, -1.4829, 102.6020



16.0620, -0.5236, 28.0096

Previews

White Background



This preview shows how the YUV color 88.7380, 67.6702, -51.5132 looks on a white background.

Color Contrast Check

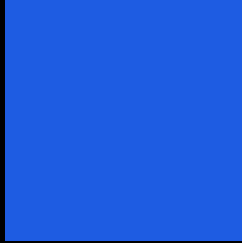
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.7380, 67.6702, -51.5132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

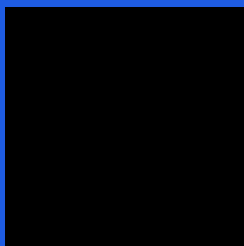
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

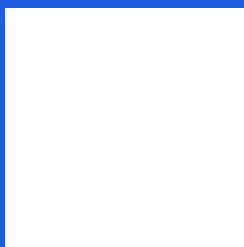
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 88.7380, 67.6702, -51.5132

Background



This preview shows how black text looks on a background with the YUV color 88.7380, 67.6702, -51.5132.



This preview shows how white text looks on a background with the YUV color 88.7380, 67.6702, -51.5132.

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

88.7380, 67.6702, -51.5132

Protanopia

81.2380, 62.4937, -71.2457

Deuteranopia

81.3400, 47.6534, -71.3352



Tritanopia

80.0110, 19.7146, -70.1696

Trichromacy



Original Color

88.7380, 67.6702, -51.5132

Protanomaly

84.1510, 64.5086, -64.1534

Deuteranomaly

84.2190, 54.6150, -64.2131

Tritanomaly

83.0500, 37.4434, -63.1878

Monochromacy



Original Color

88.7380, 67.6702, -51.5132

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.0080, 24.6461, -18.4240

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.7380, 67.6702, -51.5132 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(30, 92, 226)` looks like.

```
.text, #text, p{  
    color:rgb(30, 92, 226)  
}
```

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(30, 92, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 92, 226) }
```

Border

The CSS property to change the border of an element to YUV 88.7380, 67.6702, -51.5132 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(30, 92, 226) }
```


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

```
.border{ border-color:rgb(30, 92, 226) }
```

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

Here you see how a box with a 4 pixel rgb(30, 92, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 92, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 92, 226);  
box-shadow:4px 4px 4px 4px rgb(30, 92,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 88.7380, 67.6702, -51.5132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 92, 226) }
```

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

```
.background{ background-color: rgb(30, 92,  
226) }
```

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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