

Converting Colors

YUV(80.1330, 71.9124,
-58.8756)

Have a look what the booklet for
YUV(80.1330, 71.9124, -58.8756)
contains.

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Color

**YUV(80.1330, 71.9124,
-58.8756)**

Conversions

Conversions Part 1

Format	Color
Hex	0D56E2
RGB	13, 86, 226
RGB Percent	5%, 34%, 89%
CMY	0.9490, 0.6627, 0.1137
CMYK	0.94, 0.62, 0.00, 0.11
HSL	219°, 89%, 47%
HSV	219°, 94%, 89%
XYZ	17.2212, 12.2321, 73.4049
YIQ	80.1330, -88.4480, 28.0640

Conversions

Conversions Part 2

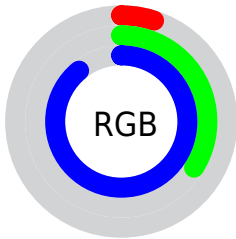
Format	Color
R_{YB}	13, 67, 226
Decimal	874210
CIE _{Lab}	41.58, 34.73, -76.09
CIE _{LCh}	42, 83.639, 294.533
Yxy	12.2321, 0.1674, 0.1189
Android (android.graphics.Color)	4279064290 (0xFF0D56E2)
YUV	80.1330, 71.9124, -58.8756
Hunter-Lab	34.9745, 26.6871, -99.9566

Details

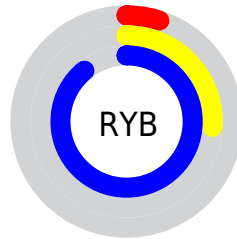
The YUV color **80.1330, 71.9124, -58.8756** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **158.8670, -71.9124, 58.8756**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.9060, 56.2483, -27.9816**, and **43.9200, 61.6644, -38.5178** is the 20% darker color. If you saturate the color by 10%, you get **70.9630, 76.4332, -62.2346**, and if you desaturate by 10%, it is **95.8150, 64.1812, -52.4578**.

Distribution



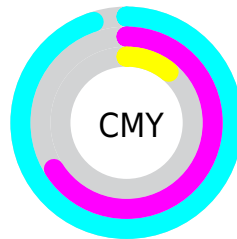
- Red (5%)
- Green (34%)
- Blue (89%)



- Red (5%)
- Yellow (26%)
- Blue (89%)



- Cyan (94%)
- Magenta (62%)
- Yellow (0%)
- Black (11%)



- Cyan (95%)
- Magenta (66%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.1330, 71.9124, -58.8756 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 80.1330, 71.9124, -58.8756 by changing the saturation by 10% instead.

■ 80.1330, 71.9124,
-58.8756

■ 80.1330, 71.9124,
-58.8756

■ 255.0000, 0.0000,
0.0000

■ 59.4390, 67.8176,
-52.1280

■ 140.9060, 56.2483,
-27.9816

■ 43.9200, 61.6644,
-38.5178

■ 166.0350, 43.8597,
-21.0787

■ 30.2760, 55.0799,
-26.5521

■ 191.4520, 31.3292,
-15.3054

■ 13.2240, 50.6686,
-11.5974

■ 217.1570, 18.6566,
-10.6617

■ 17.8910, 35.5497,
-15.6904

■ 242.8620, 5.9840,
-6.0180

■ 11.5190, 26.3661,
-10.1022

■ 6.5490, 17.4773,

-5.7435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 80.1330, 71.9124,
-58.8756

■ 80.1330, 71.9124,
-58.8756

■ 70.9630, 76.4332,
-62.2346

■ 95.8150, 64.1812,
-52.4578

■ 111.1980, 56.5974,
-46.6546

■ 126.8800, 48.8662,
-40.2368

■ 141.6760, 41.5717,
-33.9189

■ 157.3580, 33.8405,
-27.5010

■ 173.0400, 26.1093,
-21.0831

■ 188.4230, 18.5255,
-15.2800

■ 204.1050, 10.7942,
-8.8621

■ 219.4880, 3.2104,
-3.0590

Harmonies

Analogous

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



92.8760, 71.5461, -81.4523



80.1330, 71.9124, -58.8756



88.2260, 44.7516, 66.4538

Triad

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



80.1330, 71.9124, -58.8756



85.5180, -42.1604, 82.8607



82.2500, 0.3698, -72.1333

Complementary

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



80.1330, 71.9124, -58.8756



158.8670, -71.9124, 58.8756

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.



70.4400, -34.7269, -61.7759



80.1330, 71.9124, -58.8756



92.5860, -45.6449, 33.6891

Square

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



80.1330, 71.9124, -58.8756



67.5500, -10.1311, 123.1746



84.2930, -41.5564, -17.7970



90.9310, 31.0930, -79.7465

Rectangle

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



80.1330, 71.9124, -58.8756



74.8200, 30.6547, 108.0289



84.2930, -41.5564, -17.7970



78.8130, -10.2608, -69.1190

Sweetspot

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



80.1330, 71.9124, -58.8756



206.1820, 24.0673, -19.4536



153.7630, -1.3622, -123.4492



97.8210, 14.8782, -12.1210



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.



80.1330, 71.9124, -58.8756



80.1390, 86.2065, -70.2819



46.8500, 88.3209, -1.6224



104.6020, 3.6472, -3.1590



55.2840, 59.5130, -48.4841



15.4510, 16.0467, -13.5505

Inverse Universe

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



85.0090, 0.4886, 123.6491



86.1630, 0.4126, 148.0700



192.1500, -88.3209, 1.6224



104.7450, 0.1257, 6.3626



59.4640, 0.2642, 102.2021



16.2900, 0.3500, 27.8097

Previews

White Background



This preview shows how the YUV color 80.1330, 71.9124, -58.8756 looks on a white background.

Color Contrast Check

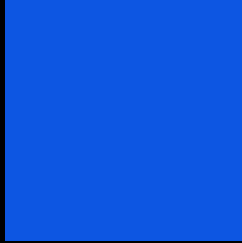
Large Text (above 18pt) WCAG AA ✓ Pass

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 80.1330, 71.9124, -58.8756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

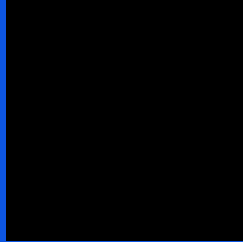
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.1330, 71.9124, -58.8756

Background



This preview shows how black text looks on a background with the YUV color 80.1330, 71.9124, -58.8756.



This preview shows how white text looks on a background with the YUV color 80.1330, 71.9124,

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

80.1330, 71.9124, -58.8756

Protanopia

77.8640, 59.7200, -68.2867

Deuteranopia

78.0800, 45.3166, -68.4762



Tritanopia

76.5060, 18.9775, -67.0958

Trichromacy



Original Color

80.1330, 71.9124, -58.8756

Protanomaly

78.7380, 64.2192, -64.6682

Deuteranomaly

78.9200, 54.7624, -64.8278

Tritanomaly

77.8650, 38.0276, -63.9026

Monochromacy



Original Color

80.1330, 71.9124, -58.8756

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.0400, 26.1093, -21.0831

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.1330, 71.9124, -58.8756 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(13, 86, 226)` looks like.

```
.text, #text, p{  
    color:rgb(13, 86, 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(13, 86, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 86, 226) }
```

Border

The CSS property to change the border of an element to YUV 80.1330, 71.9124, -58.8756 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(13, 86, 226) }
```


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

```
.border{ border-color:rgb(13, 86, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 86, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 86, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 86, 226);  
box-shadow:4px 4px 4px 4px rgb(13, 86,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 80.1330, 71.9124, -58.8756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 86, 226) }
```

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

```
.background{ background-color: rgb(13, 86,  
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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