

Converting Colors

YUV(75.8080, 68.1287,
-58.5906)

Have a look what the booklet for
YUV(75.8080, 68.1287, -58.5906)
contains.

YUV(75.8080, 68.1287, -58.5906)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(75.8080, 68.1287,
-58.5906)**

Conversions

Conversions Part 1

Format	Color
Hex	0953D6
RGB	9, 83, 214
RGB Percent	4%, 33%, 84%
CMY	0.9647, 0.6745, 0.1608
CMYK	0.96, 0.61, 0.00, 0.16
HSL	218°, 92%, 44%
HSV	218°, 96%, 84%
XYZ	15.3435, 11.0996, 64.9521
YIQ	75.8080, -86.1550, 25.0530

Conversions

Conversions Part 2

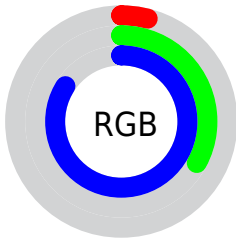
Format	Color
R_{YB}	9, 63, 214
Decimal	611286
CIE _{Lab}	39.75, 31.96, -72.24
CIE _{LCh}	40, 78.996, 293.862
Yxy	11.0996, 0.1679, 0.1214
Android (android.graphics.Color)	4278801366 (0xFF0953D6)
YUV	75.8080, 68.1287, -58.5906
Hunter-Lab	33.3161, 23.9038, -92.2687

Details

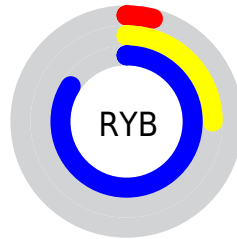
The YUV color **75.8080, 68.1287, -58.5906** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **147.1920, -68.1287, 58.5906**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.9490, 57.7061, -28.8963**, and **41.4920, 57.4384, -36.3885** is the 20% darker color. If you saturate the color by 10%, you get **69.5950, 71.1917, -61.0348**, and if you desaturate by 10%, it is **90.3050, 60.9816, -52.8875**.

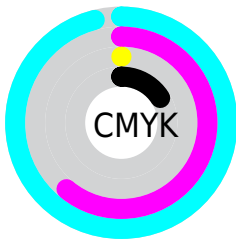
Distribution



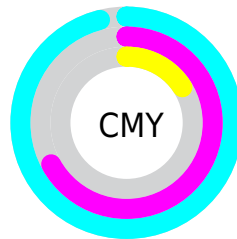
- Red (4%)
- Green (33%)
- Blue (84%)



- Red (4%)
- Yellow (25%)
- Blue (84%)



- Cyan (96%)
- Magenta (61%)
- Yellow (0%)
- Black (16%)



- Cyan (96%)
- Magenta (67%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 75.8080, 68.1287, -58.5906 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 75.8080, 68.1287, -58.5906 by changing the saturation by 10% instead.

■ 75.8080, 68.1287,
-58.5906

■ 75.8080, 68.1287,
-58.5906

■ 255.0000, 0.0000,
0.0000

■ 56.4240, 63.8810,
-49.4838

■ 137.9490, 57.7061,
-28.8963

■ 41.4920, 57.4384,
-36.3885

■ 162.7790, 45.4650,
-22.6082

■ 27.8480, 50.8539,
-24.4227

■ 188.1960, 32.9344,
-16.8349

■ 11.9700, 45.8638,
-10.4977

■ 213.3140, 20.5512,
-11.6764

■ 14.9900, 32.0499,
-13.1462

■ 239.0190, 7.8786,
-7.0327

■ 9.3190, 23.0137,
-8.1728

■ 4.9360, 13.8356,

-4.3289

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 75.8080, 68.1287,
-58.5906

■ 75.8080, 68.1287,
-58.5906

■ 69.5950, 71.1917,
-61.0348

■ 90.3050, 60.9816,
-52.8875

■ 104.5140, 53.9766,
-46.0548

■ 119.0110, 46.8296,
-40.3516

■ 133.8070, 39.5351,
-34.0337

■ 147.7170, 32.6775,
-27.8158

■ 162.2140, 25.5305,
-22.1127

■ 177.0100, 18.2361,
-15.7948

■ 190.9200, 11.3784,
-9.5768

■ 205.7160, 4.0840,
-3.2589

Harmonies

Analogous

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



88.3450, 66.8779, -77.4786



75.8080, 68.1287, -58.5906



86.6720, 41.5737, 59.0467

Triad

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



75.8080, 68.1287, -58.5906



81.6530, -40.2549, 78.3573



78.1580, -0.0779, -68.5446

Complementary

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



75.8080, 68.1287, -58.5906



147.1920, -68.1287, 58.5906

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.



66.9180, -32.9906, -58.6871



75.8080, 68.1287, -58.5906



88.7430, -43.7503, 32.6744

Square

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



75.8080, 68.1287, -58.5906



64.5600, -8.6571, 117.0269



81.0700, -39.9675, -14.0934



86.3830, 28.8982, -75.7579

Rectangle

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



75.8080, 68.1287, -58.5906



70.8470, 29.6554, 101.8662



81.0700, -39.9675, -14.0934



74.9490, -9.8349, -65.7303

Sweetspot

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



75.8080, 68.1287, -58.5906



205.2850, 24.5095, -21.2979



144.1550, -2.5414, -118.5309



97.5220, 15.0257, -12.7358



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.



75.8080, 68.1287, -58.5906



83.0740, 84.7595, -72.8559



40.4430, 85.5636, -3.8965



99.6020, 3.6472, -3.1590



55.8880, 56.7502, -49.0138



14.2940, 14.1521, -12.5358

Inverse Universe

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



78.7310, 2.1046, 118.6309



86.7330, 2.5966, 147.5702



182.5570, -85.5636, 3.8965



99.7450, 0.1257, 6.3626



58.1970, 1.8749, 98.9282



14.6810, 0.6503, 24.8358

Previews

White Background



This preview shows how the YUV color 75.8080, 68.1287, -58.5906 looks on a white background.

Color Contrast Check

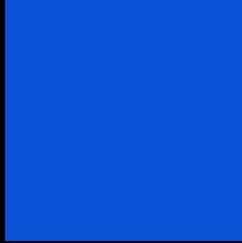
Large Text (above 18pt) WCAG AA ✓ Pass

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 75.8080, 68.1287, -58.5906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

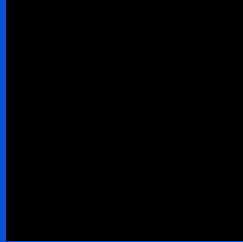
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.8080, 68.1287, -58.5906

Background



This preview shows how black text looks on a background with the YUV color 75.8080, 68.1287, -58.5906.



This preview shows how white text looks on a background with the YUV color 75.8080, 68.1287, -58.5906.

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

75.8080, 68.1287, -58.5906

Protanopia

74.4900, 56.9464, -65.3277

Tritanopia

73.5880, 17.9511, -64.5367

Trichromacy



Original Color

75.8080, 68.1287, -58.5906

Protanomaly

74.6520, 61.3036, -62.8388

Tritanomaly

74.1210, 36.4223, -62.3731

Monochromacy



Original Color

75.8080, 68.1287, -58.5906

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.2850, 24.5095, -21.2979

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.8080, 68.1287, -58.5906 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(9, 83, 214)` looks like.

```
.text, #text, p{  
    color:rgb(9, 83, 214)  
}
```

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(9, 83, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 83, 214) }
```

Border

The CSS property to change the border of an element to YUV 75.8080, 68.1287, -58.5906 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(9, 83, 214) }
```

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

```
.border{ border-color:rgb(9, 83, 214) }
```

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

Here you see how a box with a 4 pixel rgb(9, 83, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 83, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 83, 214);  
box-shadow:4px 4px 4px 4px rgb(9, 83, 214)  
}
```


Background

The CSS property to change the background color of an element to YUV 75.8080, 68.1287, -58.5906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 83, 214) }
```

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

```
.background{ background-color: rgb(9, 83,  
214) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor