

Converting Colors

YUV(150.5980, 46.5402,
-40.8664)

Have a look what the booklet for
YUV(150.5980, 46.5402, -40.8664)
contains.

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Color

**YUV(150.5980, 46.5402,
-40.8664)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 689CF5 |
| RGB | 104, 156, 245 |
| RGB Percent | 41%, 61%, 96% |
| CMY | 0.5922, 0.3882, 0.0392 |
| CMYK | 0.58, 0.36, 0.00, 0.04 |
| HSL | 218°, 88%, 68% |
| HSV | 218°, 58%, 96% |
| XYZ | 34.0788, 33.3126, 91.0200 |
| YIQ | 150.5980, -59.5610, 16.6550 |

Conversions

Conversions Part 2

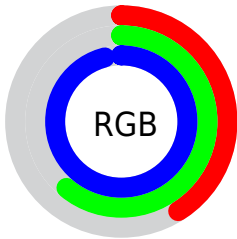
| Format | Color |
|-------------------------------------|--|
| RYB | 104, 142, 245 |
| Decimal | 6855925 |
| CIELab | 64.41, 8.60, -49.76 |
| CIELCh | 64, 50.498, 279.807 |
| Yxy | 33.3126, 0.2151, 0.2103 |
| Android (android.graphics.Color) | 4285046005 (0xFF689CF5) |
| YUV | 150.5980, 46.5402, -40.8664 |
| Hunter-Lab | 57.7170, 4.3899, -53.0987 |

Details

The YUV color **150.5980, 46.5402, -40.8664** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **198.4020, -46.5402, 40.8664**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.3760, 26.4366, -32.7788**, and **92.9340, 46.8675, -52.5621** is the 20% darker color. If you saturate the color by 10%, you get **134.6170, 54.4188, -47.8991**, and if you desaturate by 10%, it is **166.8780, 38.5141, -33.2190**.

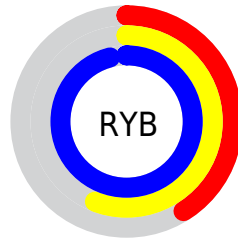
Distribution



Red (41%)

Green (61%)

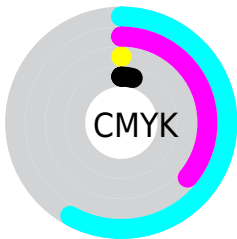
Blue (96%)



Red (41%)

Yellow (56%)

Blue (96%)

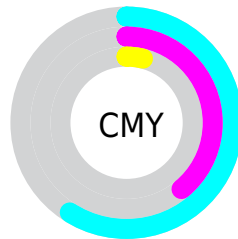


Cyan (58%)

Magenta (36%)

Yellow (0%)

Black (4%)



Cyan (59%)

Magenta (39%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.5980, 46.5402, -40.8664 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 150.5980, 46.5402, -40.8664 by changing the saturation by 10% instead.

■ 150.5980, 46.5402,
-40.8664

■ 150.5980, 46.5402,
-40.8664

255.0000, 0.0000,
0.0000

■ 122.4620, 46.1142,
-44.2552

■ 201.3760, 26.4366,
-32.7788

■ 92.9340, 46.8675,
-52.5621

■ 226.7820, 13.9115,
-28.7498

■ 66.4880, 46.5944,
-58.3100

■ 245.7310, 4.5696,
-19.0581

■ 49.9090, 41.4569,
-43.7702

254.7010, 0.1474,
-0.6148

■ 34.6180, 36.1773,
-30.3600

■ 20.1420, 31.4820,
-17.6645

■ 10.3620, 24.4715,

-9.0875

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 150.5980, 46.5402,
-40.8664

■ 150.5980, 46.5402,
-40.8664

■ 134.6170, 54.4188,
-47.8991

■ 166.8780, 38.5141,
-33.2190

■ 117.7500, 62.7342,
-55.0318

■ 183.4460, 30.3461,
-26.7011

■ 101.4700, 70.7603,
-62.6792

■ 199.7260, 22.3201,
-19.0537

■ 84.9020, 78.9283,
-69.1971

■ 216.2940, 14.1521,
-12.5358

■ 80.7600, 80.9703,
-70.8265

■ 232.5740, 6.1260,
-4.8884

■ 249.1420, -2.0420,
1.6295

■ 253.8600, -4.3680,
0.9998

Harmonies

Analogous

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



126.5630, 55.9244, -110.9958



150.5980, 46.5402, -40.8664



160.2910, 32.3945, 16.4078

Triad

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



150.5980, 46.5402, -40.8664



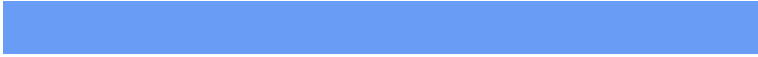
155.1430, -26.6925, 68.2806



131.6750, -4.2768, -75.1370

Complementary

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



150.5980, 46.5402, -40.8664



198.4020, -46.5402, 40.8664

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.



144.9470, -30.0469, -22.7555



150.5980, 46.5402, -40.8664



153.8140, -41.3203, 46.6441

Square

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



150.5980, 46.5402, -40.8664



156.7410, -6.7743, 73.0181



150.7470, -43.2593, 15.1309



124.4530, 22.4547, -109.1453

Rectangle

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



150.5980, 46.5402, -40.8664



160.6660, 20.3777, 44.1429



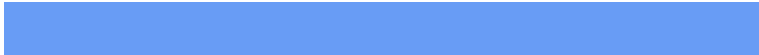
150.7470, -43.2593, 15.1309



138.1740, -14.3828, -53.6496

Sweetspot

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



150.5980, 46.5402, -40.8664



226.2940, 14.1521, -12.5358



196.6850, -2.8027, -81.2847



110.2470, 8.7522, -7.2326



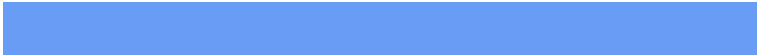
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



150.5980, 46.5402, -40.8664



137.2190, 58.0660, -51.0581



124.8580, 59.2300, -4.2605



114.3030, 3.7946, -3.7737



61.7070, 61.2764, -54.1170



19.6400, 19.4045, -17.2243

Inverse Universe

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



152.0870, 1.9291, 81.4847



139.0340, 2.4482, 101.7022



224.1420, -59.2300, 4.2605



114.1580, 0.4151, 6.8774



63.4800, 2.7214, 107.4500



20.1490, 0.9125, 34.0723

Previews

White Background



This preview shows how the YUV color 150.5980, 46.5402, -40.8664 looks on a white background.

Color Contrast Check

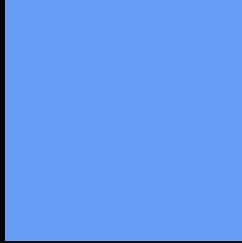
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 150.5980, 46.5402, -40.8664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

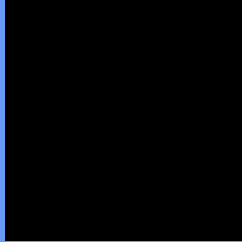
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

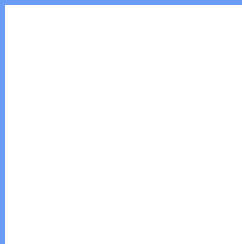
Any Text WCAG AAA ✓ Pass

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

YUV 150.5980, 46.5402, -40.8664 Background



This preview shows how black text looks on a background with the YUV color 150.5980, 46.5402, -40.8664.



This preview shows how white text looks on a background with the YUV color 150.5980, 46.5402, -40.8664.

-40.8664.

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

150.5980, 46.5402, -40.8664

Protanopia

153.5890, 43.5866, -26.8266

Deuteranopia

151.1960, 46.2454, -39.6369



Tritanopia

143.5720, 18.9450, -56.6296

Trichromacy



Original Color

150.5980, 46.5402, -40.8664

Protanomaly

152.1970, 44.7659, -31.7448

Deuteranomaly

150.8970, 46.3928, -40.2517

Tritanomaly

145.9500, 29.1117, -50.8221

Monochromacy



Original Color

150.5980, 46.5402, -40.8664

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.9670, 16.7783, -14.8801

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.5980, 46.5402, -40.8664 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(104, 156, 245)` looks like.

```
.text, #text, p{  
    color:rgb(104, 156, 245)  
}
```

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(104, 156, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 156, 245) }
```

Border

The CSS property to change the border of an element to YUV 150.5980, 46.5402, -40.8664 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(104, 156, 245) }
```


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

```
.border{ border-color:rgb(104, 156, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 156, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 156, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 156, 245);  
box-shadow:4px 4px 4px 4px rgb(104, 156,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 150.5980, 46.5402, -40.8664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 156, 245) }
```

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

```
.background{ background-color: rgb(104,  
156, 245) }
```

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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