

Converting Colors

YUV(157.8810, 40.4847,
-58.6546)

Have a look what the booklet for
YUV(157.8810, 40.4847, -58.6546)
contains.

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Color

**YUV(157.8810, 40.4847,
-58.6546)**

Conversions

Conversions Part 1

Format	Color
Hex	5BB0F0
RGB	91, 176, 240
RGB Percent	36%, 69%, 94%
CMY	0.6431, 0.3098, 0.0588
CMYK	0.62, 0.27, 0.00, 0.06
HSL	206°, 83%, 65%
HSV	206°, 62%, 94%
XYZ	35.5679, 39.5661, 88.2005
YIQ	157.8810, -71.2040, 1.8840

Conversions

Conversions Part 2

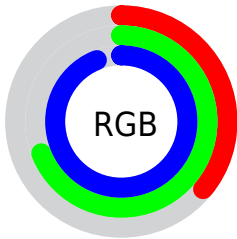
Format	Color
R _Y B	91, 145, 240
Decimal	6009072
CIE Lab	69.16, -6.76, -39.61
CIE LCh	69, 40.183, 260.321
Yxy	39.5661, 0.2178, 0.2422
Android (android.graphics.Color)	4284199152 (0xFF5BB0F0)
YUV	157.8810, 40.4847, -58.6546
Hunter-Lab	62.9016, -9.1444, -39.1052

Details

The YUV color **157.8810, 40.4847, -58.6546** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **173.1190, -40.4847, 58.6546**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.4140, 21.9809, -50.3521**, and **93.7640, 44.4863, -82.2310** is the 20% darker color. If you saturate the color by 10%, you get **144.8350, 46.9163, -68.2613**, and if you desaturate by 10%, it is **170.9270, 34.0530, -49.0480**.

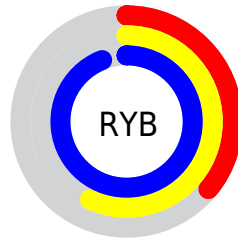
Distribution



Red (36%)

Green (69%)

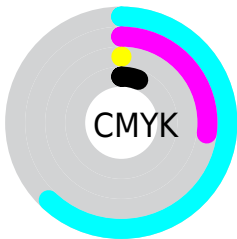
Blue (94%)



Red (36%)

Yellow (57%)

Blue (94%)

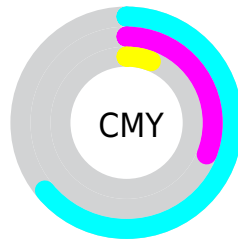


Cyan (62%)

Magenta (27%)

Yellow (0%)

Black (6%)



Cyan (64%)

Magenta (31%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.8810, 40.4847, -58.6546 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 157.8810, 40.4847, -58.6546 by changing the saturation by 10% instead.

■ 157.8810, 40.4847,
-58.6546

■ 157.8810, 40.4847,
-58.6546

255.0000, 0.0000,
0.0000

■ 128.2610, 40.7903,
-63.3729

■ 210.4140, 21.9809,
-50.3521

■ 93.7640, 44.4863,
-82.2310

■ 233.4720, 10.6133,
-44.2639

■ 76.0110, 39.9276,
-66.6616

■ 242.4420, 6.1911,
-25.8206

■ 58.8450, 35.0794,
-51.6071

■ 251.4120, 1.7689,
-7.3773

■ 43.0810, 30.5261,
-37.7820

■ 27.9040, 25.6833,
-24.4718

■ 9.4330, 23.4505,

-8.2727

■ 5.1640, 14.7091,
-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 157.8810, 40.4847,
-58.6546

■ 157.8810, 40.4847,
-58.6546

■ 144.8350, 46.9163,
-68.2613

■ 170.9270, 34.0530,
-49.0480

■ 131.2020, 53.6374,
-77.3532

■ 184.5600, 27.3319,
-39.9561

■ 118.1560, 60.0691,
-86.9598

■ 197.6060, 20.9002,
-30.3495

■ 107.7790, 65.1850,
-94.5222

■ 210.6520, 14.4686,
-20.7428

■ 224.2850, 7.7475,
-11.6509

■ 237.3310, 1.3158,
-2.0443

■ 249.1810, -4.5262,
5.1033

■ 253.2900, -6.5520,
1.4997

Harmonies

Analogous

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



133.5440, 44.5948, -117.1181



157.8810, 40.4847, -58.6546



169.6310, 33.2129, -12.8314

Triad

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



157.8810, 40.4847, -58.6546



170.7580, -12.6987, 59.8482



158.8890, -18.6793, -28.8437

Complementary

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



157.8810, 40.4847, -58.6546



173.1190, -40.4847, 58.6546

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.



163.3570, -31.7280, 3.1949



157.8810, 40.4847, -58.6546



169.2180, -27.2225, 51.5518

Square

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



157.8810, 40.4847, -58.6546



172.8830, 4.4947, 51.8456



167.4360, -34.7249, 31.1896



149.8640, 2.5320, -65.6557

Rectangle

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



157.8810, 40.4847, -58.6546



173.0320, 25.1272, 14.0039



167.4360, -34.7249, 31.1896



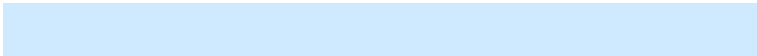
160.2880, -23.8060, -17.7926

Sweetspot

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



157.8810, 40.4847, -58.6546



228.3210, 13.1527, -18.6985



185.5310, -16.0378, -82.9037



111.3990, 8.1843, -11.7509



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.



157.8810, 40.4847, -58.6546



149.7570, 51.8848, -75.2089



115.0300, 61.6102, -21.0743



113.4770, 3.2158, -4.8033



82.6110, 49.9848, -72.4498



25.1680, 15.2002, -22.0723

Inverse Universe

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



145.2410, 15.1642, 83.1036



133.5350, 19.4562, 106.5248



215.9700, -61.6102, 21.0743



112.3860, 1.2887, 6.6775



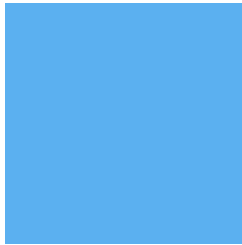
66.9860, 18.7409, 102.6213



20.3920, 5.7227, 31.2282

Previews

White Background



This preview shows how the YUV color 157.8810, 40.4847, -58.6546 looks on a white background.

Color Contrast Check

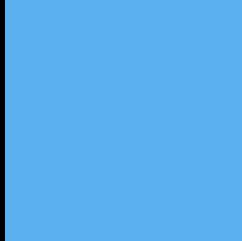
Large Text (above 18pt) WCAG AA × Fail

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 157.8810, 40.4847, -58.6546 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

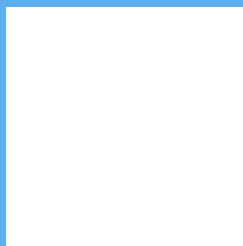
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 157.8810, 40.4847, -58.6546

Background



This preview shows how black text looks on a background with the YUV color 157.8810, 40.4847, -58.6546.

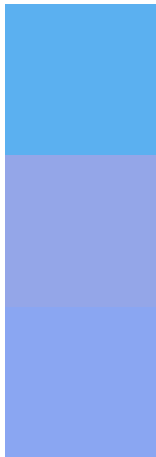


This preview shows how white text looks on a background with the YUV color 157.8810, 40.4847, -58.6546.

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

157.8810, 40.4847, -58.6546

Protanopia

168.1420, 31.4820, -17.6645

Deuteranopia

166.2920, 37.3240, -24.8121



Tritanopia

151.9230, 23.2090, -70.9695

Trichromacy



Original Color

157.8810, 40.4847, -58.6546

Protanomaly

164.5530, 34.7304, -32.9340

Deuteranomaly

163.4430, 38.2356, -37.2225

Tritanomaly

153.9650, 29.5973, -66.6213

Monochromacy



Original Color

157.8810, 40.4847, -58.6546

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.3530, 14.6160, -21.3576

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.8810, 40.4847, -58.6546 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(91, 176, 240)` looks like.

```
.text, #text, p{  
    color:rgb(91, 176, 240)  
}
```

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(91, 176, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 176, 240) }
```

Border

The CSS property to change the border of an element to YUV 157.8810, 40.4847, -58.6546 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(91, 176, 240) }
```


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

```
.border{ border-color:rgb(91, 176, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 176, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 176, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 176, 240);  
box-shadow:4px 4px 4px 4px rgb(91, 176,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 157.8810, 40.4847, -58.6546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 176, 240) }
```

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

```
.background{ background-color: rgb(91, 176,  
240) }
```

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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