

Converting Colors

YUV(157.5080, 32.7806,
-60.9585)

Have a look what the booklet for
YUV(157.5080, 32.7806, -60.9585)
contains.

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Color

**YUV(157.5080, 32.7806,
-60.9585)**

Conversions

Conversions Part 1

Format	Color
Hex	58B4E0
RGB	88, 180, 224
RGB Percent	35%, 71%, 88%
CMY	0.6549, 0.2941, 0.1216
CMYK	0.61, 0.20, 0.00, 0.12
HSL	199°, 69%, 61%
HSV	199°, 61%, 88%
XYZ	33.8003, 40.0990, 76.4794
YIQ	157.5080, -68.9560, -5.8200

Conversions

Conversions Part 2

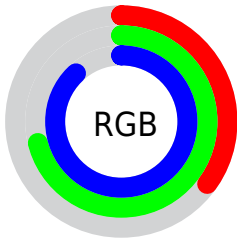
Format	Color
R _Y B	88, 143, 224
Decimal	5813472
CIE Lab	69.54, -14.47, -30.30
CIE LCh	70, 33.577, 244.478
Yxy	40.0990, 0.2248, 0.2667
Android (android.graphics.Color)	4284003552 (0xFF58B4E0)
YUV	157.5080, 32.7806, -60.9585
Hunter-Lab	63.3238, -15.5388, -27.2809

Details

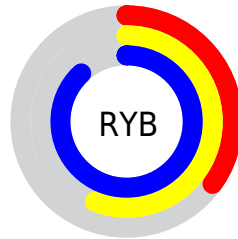
The YUV color **157.5080, 32.7806, -60.9585** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **154.4920, -32.7806, 60.9585**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.1530, 21.1236, -55.3852**, and **93.8150, 37.0662, -82.2758** is the 20% darker color. If you saturate the color by 10%, you get **146.8210, 38.0492, -70.8800**, and if you desaturate by 10%, it is **168.1950, 27.5119, -51.0370**.

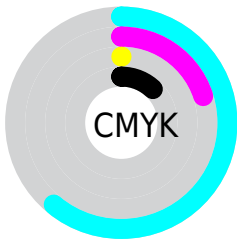
Distribution



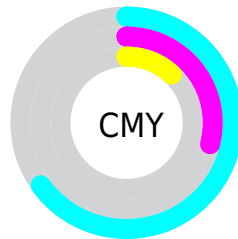
- Red (35%)
- Green (71%)
- Blue (88%)



- Red (35%)
- Yellow (56%)
- Blue (88%)



- Cyan (61%)
- Magenta (20%)
- Yellow (0%)
- Black (12%)



- Cyan (65%)
- Magenta (29%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.5080, 32.7806, -60.9585 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 157.5080, 32.7806, -60.9585 by changing the saturation by 10% instead.

■ 157.5080, 32.7806,
-60.9585

■ 157.5080, 32.7806,
-60.9585

255.0000, 0.0000,
0.0000

■ 128.3010, 33.3756,
-65.1620

■ 212.1530, 21.1236,
-55.3852

■ 93.8150, 37.0662,
-82.2758

■ 231.9770, 11.3503,
-47.3378

■ 76.0620, 32.5074,
-66.7064

■ 240.9470, 6.9281,
-28.8945

■ 59.0100, 28.0961,
-51.7518

■ 249.9170, 2.5059,
-10.4512

■ 42.6590, 23.8321,
-37.4119

■ 27.7100, 19.8630,
-24.3017

■ 6.8910, 18.7877,

-6.0434

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 157.5080, 32.7806,
-60.9585

■ 157.5080, 32.7806,
-60.9585

■ 146.8210, 38.0492,
-70.8800

■ 168.1950, 27.5119,
-51.0370

■ 135.8350, 43.4653,
-81.4163

■ 179.1810, 22.0958,
-40.5007

■ 124.5610, 49.0234,
-90.8230

■ 190.4550, 16.5377,
-31.0940

■ 114.7600, 53.8553,
-100.6445

■ 201.4410, 11.1216,
-20.5578

■ 212.1280, 5.8529,
-10.6363

■ 222.8150, 0.5842,
-0.7148

■ 234.3880, -5.1213,
9.3067

■ 241.4870, -8.6211,
11.8509

■ 245.5960,
-10.6468, 8.2473

Harmonies

Analogous

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



150.2750, 25.9934, -77.4172



157.5080, 32.7806, -60.9585



166.9620, 31.0777, -28.0307

Triad

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



157.5080, 32.7806, -60.9585



173.6840, -3.7882, 48.5121



163.7990, -22.0859, -9.4707

Complementary

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



157.5080, 32.7806, -60.9585



154.4920, -32.7806, 60.9585

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.



167.2430, -28.7138, 16.4499



157.5080, 32.7806, -60.9585



171.8400, -17.1761, 49.2523

Square

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



157.5080, 32.7806, -60.9585



174.4830, 11.1009, 32.9024



169.9450, -26.5949, 36.8822



159.2930, -8.0324, -37.0910

Rectangle

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



157.5080, 32.7806, -60.9585



171.5520, 26.3499, -4.8691



169.9450, -26.5949, 36.8822



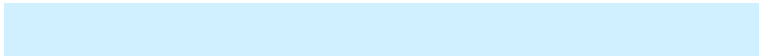
165.6430, -25.4600, -0.5639

Sweetspot

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



157.5080, 32.7806, -60.9585



232.4410, 11.1216, -20.5578



172.7340, -20.5749, -74.3117



113.4590, 7.1687, -12.6805



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.



157.5080, 32.7806, -60.9585



164.1660, 44.7812, -83.4606



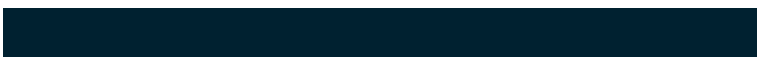
118.1790, 52.1698, -26.4670



106.9500, 2.4897, -5.2181



89.9170, 42.4389, -78.8572



24.8430, 11.4164, -21.7873

Inverse Universe

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



139.1520, 20.1381, 74.4117



138.9780, 27.6188, 101.7513



193.8210, -52.1698, 26.4670



105.2010, 1.8729, 5.9627



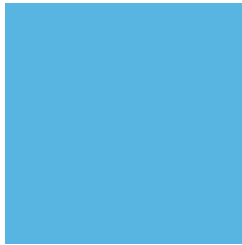
66.1900, 26.0353, 96.3034



18.1140, 7.3388, 26.2100

Previews

White Background



This preview shows how the YUV color 157.5080, 32.7806, -60.9585 looks on a white background.

Color Contrast Check

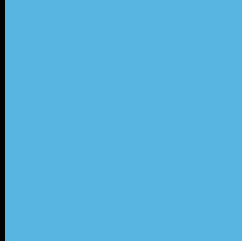
Large Text (above 18pt) WCAG AA × Fail

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 157.5080, 32.7806, -60.9585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

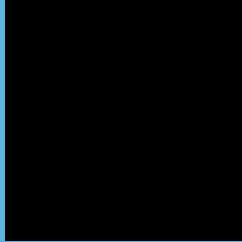
Any Text WCAG AA ✓ Pass

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 157.5080, 32.7806, -60.9585 Background



This preview shows how black text looks on a background with the YUV color 157.5080, 32.7806, -60.9585.



This preview shows how white text looks on a background with the YUV color 157.5080, 32.7806, -60.9585.

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

157.5080, 32.7806, -60.9585

Protanopia

169.3680, 22.0036, -10.8467

Deuteranopia

169.0670, 28.5610, -14.0908



Tritanopia

153.7170, 22.3245, -67.2808

Trichromacy



Original Color

157.5080, 32.7806, -60.9585

Protanomaly

165.2840, 25.9890, -29.1901

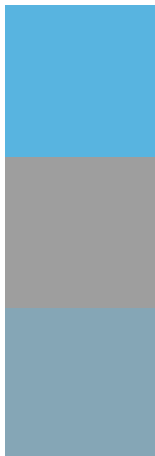
Deuteranomaly

164.7120, 30.2150, -31.3194

Tritanomaly

155.3520, 25.9555, -65.2067

Monochromacy



Original Color

157.5080, 32.7806, -60.9585

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.9570, 11.8532, -21.8873

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.5080, 32.7806, -60.9585 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(88, 180, 224)` looks like.

```
.text, #text, p{  
    color:rgb(88, 180, 224)  
}
```

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(88, 180, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 180, 224) }
```

Border

The CSS property to change the border of an element to YUV 157.5080, 32.7806, -60.9585 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(88, 180, 224) }
```


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

```
.border{ border-color:rgb(88, 180, 224) }
```

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

Here you see how a box with a 4 pixel rgb(88, 180, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 180, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 180, 224);  
box-shadow:4px 4px 4px 4px rgb(88, 180,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 157.5080, 32.7806, -60.9585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 180, 224) }
```

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

```
.background{ background-color: rgb(88, 180,  
224) }
```

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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