

Converting Colors

YUV(157.8390, 34.0964,
-63.0028)

Have a look what the booklet for
YUV(157.8390, 34.0964, -63.0028)
contains.

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Color

**YUV(157.8390, 34.0964,
-63.0028)**

Conversions

Conversions Part 1

Format	Color
Hex	56B5E3
RGB	86, 181, 227
RGB Percent	34%, 71%, 89%
CMY	0.6627, 0.2902, 0.1098
CMYK	0.62, 0.20, 0.00, 0.11
HSL	200°, 72%, 61%
HSV	200°, 62%, 89%
XYZ	34.2268, 40.5722, 78.7003
YIQ	157.8390, -71.3860, -5.8340

Conversions

Conversions Part 2

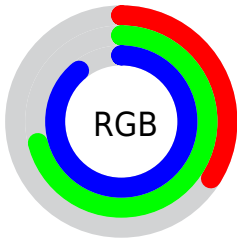
Format	Color
R _Y B	86, 143, 227
Decimal	5682659
CIE Lab	69.88, -14.43, -31.43
CIE LCh	70, 34.581, 245.340
Yxy	40.5722, 0.2230, 0.2643
Android (android.graphics.Color)	4283872739 (0xFF56B5E3)
YUV	157.8390, 34.0964, -63.0028
Hunter-Lab	63.6963, -15.5529, -28.6686

Details

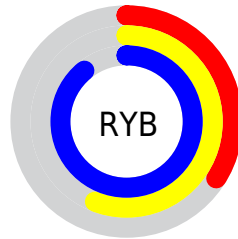
The YUV color **157.8390, 34.0964, -63.0028** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **155.1610, -34.0964, 63.0028**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.1420, 21.1290, -57.1295**, and **94.6300, 37.6504, -82.9905** is the 20% darker color. If you saturate the color by 10%, you get **146.8530, 39.5125, -73.5391**, and if you desaturate by 10%, it is **168.8250, 28.6803, -52.4665**.

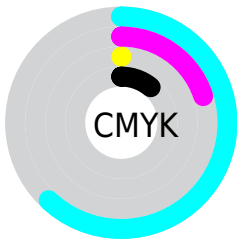
Distribution



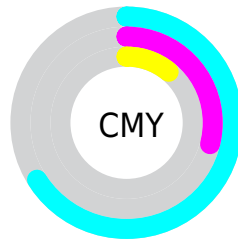
- Red (34%)
- Green (71%)
- Blue (89%)



- Red (34%)
- Yellow (56%)
- Blue (89%)



- Cyan (62%)
- Magenta (20%)
- Yellow (0%)
- Black (11%)



- Cyan (66%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.8390, 34.0964, -63.0028 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 157.8390, 34.0964, -63.0028 by changing the saturation by 10% instead.

■ 157.8390, 34.0964,
-63.0028

■ 157.8390, 34.0964,
-63.0028

■ 255.0000, 0.0000,
0.0000

■ 128.3330, 34.8388,
-67.8210

■ 212.1420, 21.1290,
-57.1295

■ 94.6300, 37.6504,
-82.9905

■ 231.6780, 11.4977,
-47.9526

■ 76.9910, 33.5284,
-67.5211

■ 240.6480, 7.0755,
-29.5093

■ 59.9390, 29.1171,
-52.5665

■ 249.6180, 2.6533,
-11.0660

■ 43.5880, 24.8531,
-38.2267

■ 28.5250, 20.4472,
-25.0164

■ 7.8200, 19.8087,

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 157.8390, 34.0964,
-63.0028

■ 157.8390, 34.0964,
-63.0028

■ 146.8530, 39.5125,
-73.5391

■ 168.8250, 28.6803,
-52.4665

■ 135.5790, 45.0706,
-82.9458

■ 180.0990, 23.1222,
-43.0598

■ 124.5930, 50.4867,
-93.4821

■ 191.0850, 17.7061,
-32.5235

■ 115.6890, 54.8763,
-101.4593

■ 202.6580, 12.0006,
-22.5021

■ 213.6440, 6.5845,
-11.9658

■ 224.3310, 1.3158,
-2.0443

■ 235.9040, -4.3897,
7.9772

■ 243.0030, -7.8895,
10.5214

■ 247.6990,
-10.2046, 6.4030

Harmonies

Analogous

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



149.4100, 27.8989, -81.9206



157.8390, 34.0964, -63.0028



168.1900, 31.9513, -28.2306

Triad

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



157.8390, 34.0964, -63.0028



174.2820, -4.0830, 49.7417



164.9730, -22.6647, -10.5003

Complementary

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



157.8390, 34.0964, -63.0028



155.1610, -34.0964, 63.0028

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.



168.6020, -29.8768, 16.1350



157.8390, 34.0964, -63.0028



172.3240, -17.9077, 50.5819

Square

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



157.8390, 34.0964, -63.0028



175.4940, 11.0955, 34.6468



170.9020, -28.0527, 37.7969



159.9830, -7.8796, -39.4501

Rectangle

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



157.8390, 34.0964, -63.0028



172.3780, 26.9286, -3.8395



170.9020, -28.0527, 37.7969



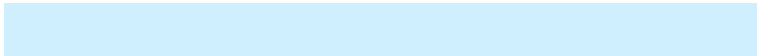
166.1160, -26.1862, -0.9787

Sweetspot

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



157.8390, 34.0964, -63.0028



231.2560, 11.7058, -21.2725



173.8970, -21.1482, -77.0857



113.1600, 7.3161, -13.2953



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.



157.8390, 34.0964, -63.0028



161.4970, 46.0970, -85.5049



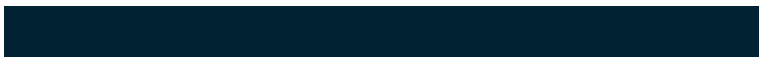
117.3360, 54.0644, -27.4817



109.0640, 2.9264, -5.3181



90.8460, 43.4599, -79.6719



25.7720, 12.4374, -22.6020

Inverse Universe

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



138.9890, 20.7114, 77.1856



135.8150, 28.1922, 104.5252



195.6640, -54.0644, 27.4817



107.5000, 1.7255, 6.5775



67.2010, 26.0299, 98.0477



19.1250, 7.3334, 27.9544

Previews

White Background



This preview shows how the YUV color 157.8390, 34.0964, -63.0028 looks on a white background.

Color Contrast Check

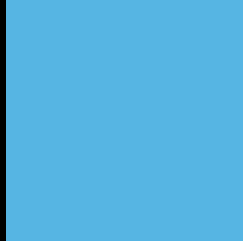
Large Text (above 18pt) WCAG AA × Fail

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 157.8390, 34.0964, -63.0028 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 157.8390, 34.0964, -63.0028

Background



This preview shows how black text looks on a background with the YUV color 157.8390, 34.0964, -63.0028.

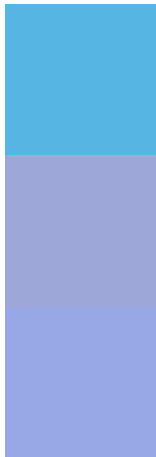


This preview shows how white text looks on a background with the YUV color 157.8390, 34.0964, -63.0028.

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

157.8390, 34.0964, -63.0028

Protanopia

170.2970, 23.0246, -11.6615

Deuteranopia

169.6970, 29.7294, -15.5203



Tritanopia

153.9230, 23.2090, -70.9695

Trichromacy



Original Color

157.8390, 34.0964, -63.0028

Protanomaly

165.9140, 27.1574, -30.6196

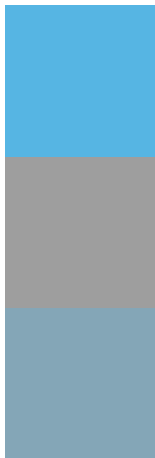
Deuteranomaly

165.3420, 31.3834, -32.7489

Tritanomaly

155.2700, 26.9819, -67.7658

Monochromacy



Original Color

157.8390, 34.0964, -63.0028

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.7720, 12.4374, -22.6020

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.8390, 34.0964, -63.0028 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(86, 181, 227)` looks like.

```
.text, #text, p{  
    color:rgb(86, 181, 227)  
}
```

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(86, 181, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 181, 227) }
```

Border

The CSS property to change the border of an element to YUV 157.8390, 34.0964, -63.0028 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(86, 181, 227) }
```


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

```
.border{ border-color:rgb(86, 181, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 181, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 181, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 181, 227);  
box-shadow:4px 4px 4px 4px rgb(86, 181,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 157.8390, 34.0964, -63.0028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 181, 227) }
```

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

```
.background{ background-color: rgb(86, 181,  
227) }
```

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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