

Converting Colors

YUV(157.5990, 38.1587,
-59.2843)

Have a look what the booklet for
YUV(157.5990, 38.1587, -59.2843)
contains.

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Color

**YUV(157.5990, 38.1587,
-59.2843)**

Conversions

Conversions Part 1

Format	Color
Hex	5AB1EB
RGB	90, 177, 235
RGB Percent	35%, 69%, 92%
CMY	0.6471, 0.3059, 0.0784
CMYK	0.62, 0.25, 0.00, 0.08
HSL	204°, 78%, 64%
HSV	204°, 62%, 92%
XYZ	34.9340, 39.6161, 84.4027
YIQ	157.5990, -70.4700, -0.4060

Conversions

Conversions Part 2

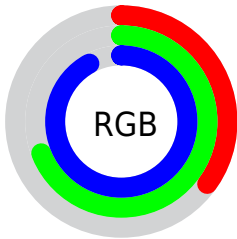
Format	Color
R_{YB}	90, 144, 235
Decimal	5943787
CIE _{Lab}	69.20, -9.06, -36.83
CIE _{LCh}	69, 37.933, 256.176
Yxy	39.6161, 0.2198, 0.2492
Android (android.graphics.Color)	4284133867 (0xFF5AB1EB)
YUV	157.5990, 38.1587, -59.2843
Hunter-Lab	62.9413, -11.0754, -35.4475

Details

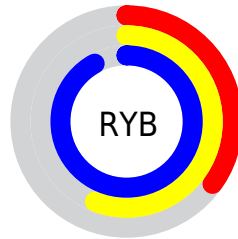
The YUV color **157.5990, 38.1587, -59.2843** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **167.4010, -38.1587, 59.2843**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.9900, 21.6969, -52.6112**, and **93.7810, 42.0130, -82.2459** is the 20% darker color. If you saturate the color by 10%, you get **145.1400, 44.3010, -69.4058**, and if you desaturate by 10%, it is **170.0580, 32.0164, -49.1629**.

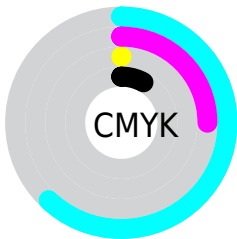
Distribution



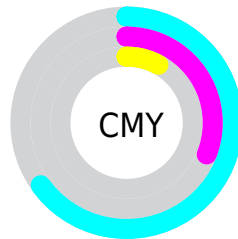
- Red (35%)
- Green (69%)
- Blue (92%)



- Red (35%)
- Yellow (56%)
- Blue (92%)



- Cyan (62%)
- Magenta (25%)
- Yellow (0%)
- Black (8%)



- Cyan (65%)
- Magenta (31%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.5990, 38.1587, -59.2843 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 157.5990, 38.1587, -59.2843 by changing the saturation by 10% instead.

■ 157.5990, 38.1587,
-59.2843

■ 157.5990, 38.1587,
-59.2843

255.0000, 0.0000,
0.0000

■ 128.0930, 38.9012,
-64.1026

■ 210.9900, 21.6969,
-52.6112

■ 93.7810, 42.0130,
-82.2459

■ 232.8740, 10.9081,
-45.4935

■ 76.0280, 37.4542,
-66.6766

■ 241.8440, 6.4859,
-27.0502

■ 58.9760, 33.0428,
-51.7220

■ 251.1130, 1.9163,
-7.9921

■ 43.2120, 28.4895,
-37.8969

■ 28.0350, 23.6467,
-24.5867

■ 8.9770, 21.7033,

-7.8728

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 157.5990, 38.1587,
-59.2843

■ 157.5990, 38.1587,
-59.2843

■ 145.1400, 44.3010,
-69.4058

■ 170.0580, 32.0164,
-49.1629

■ 132.3930, 50.5853,
-78.3977

■ 182.8050, 25.7321,
-40.1710

■ 119.9340, 56.7275,
-88.5191

■ 195.2640, 19.5898,
-30.0495

■ 109.5570, 61.8434,
-96.0815

■ 208.0110, 13.3056,
-21.0576

■ 220.4700, 7.1633,
-10.9362

■ 232.6300, 1.1684,
-1.4295

■ 245.6760, -5.2633,
8.1771

■ 250.9590, -7.8678,
3.5440

■ 252.7200, -8.7360,
1.9996

Harmonies

Analogous

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



139.6230, 38.1469, -102.2784



157.5990, 38.1587, -59.2843



168.7830, 32.6450, -17.3497

Triad

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



157.5990, 38.1587, -59.2843



171.7190, -10.2145, 56.3744



159.9930, -19.7165, -22.7959

Complementary

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



157.5990, 38.1587, -59.2843



167.4010, -38.1587, 59.2843

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.



164.9060, -31.0127, 7.0984



157.5990, 38.1587, -59.2843



170.0160, -24.1649, 50.8520

Square

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



157.5990, 38.1587, -59.2843



173.3060, 6.2581, 46.2126



167.4300, -32.2570, 32.9489



153.3060, -1.1369, -55.5194

Rectangle

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



157.5990, 38.1587, -59.2843



172.1130, 25.5803, 8.6709



167.4300, -32.2570, 32.9489



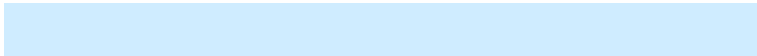
162.0930, -24.6958, -12.3596

Sweetspot

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



157.5990, 38.1587, -59.2843



229.4950, 12.5740, -19.7281



181.7270, -16.6274, -80.4446



111.9860, 7.8949, -12.2657



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.



157.5990, 38.1587, -59.2843



154.4640, 49.5642, -77.5829



114.7480, 59.2842, -21.7040



111.3630, 2.7790, -4.7034



84.6170, 47.5168, -74.2091



24.9400, 14.3266, -21.8724

Inverse Universe

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



143.2730, 16.6274, 80.4446



135.5070, 21.9350, 104.7954



209.6650, -58.9948, 22.2188



110.0870, 1.4361, 6.0627



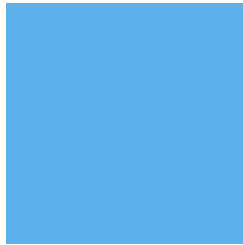
66.5450, 20.9303, 100.3770



19.7940, 6.0176, 29.9987

Previews

White Background



This preview shows how the YUV color 157.5990, 38.1587, -59.2843 looks on a white background.

Color Contrast Check

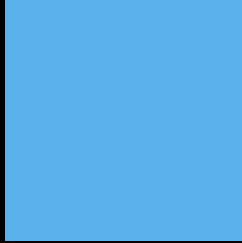
Large Text (above 18pt) WCAG AA × Fail

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 157.5990, 38.1587, -59.2843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

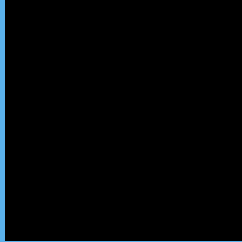
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

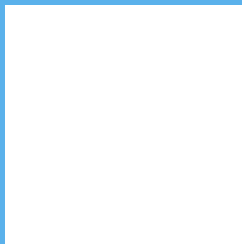
Any Text WCAG AAA ✓ Pass

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

YUV 157.5990, 38.1587, -59.2843 Background



This preview shows how black text looks on a background with the YUV color 157.5990, 38.1587, -59.2843.



This preview shows how white text looks on a background with the YUV color 157.5990, 38.1587, -59.2843.

-59.2843.

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

157.5990, 38.1587, -59.2843

Protanopia

168.3550, 28.4190, -15.2203

Deuteranopia

167.2170, 34.4030, -21.2383



Tritanopia

152.5210, 22.9141, -69.7399

Trichromacy



Original Color

157.5990, 38.1587, -59.2843

Protanomaly

164.4670, 31.8148, -31.1046

Deuteranomaly

163.7700, 35.6094, -34.8783

Tritanomaly

154.0360, 28.5763, -65.8066

Monochromacy



Original Color

157.5990, 38.1587, -59.2843

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.8260, 13.8898, -21.7724

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.5990, 38.1587, -59.2843 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(90, 177, 235)` looks like.

```
.text, #text, p{  
    color:rgb(90, 177, 235)  
}
```

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(90, 177, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 177, 235) }
```

Border

The CSS property to change the border of an element to YUV 157.5990, 38.1587, -59.2843 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(90, 177, 235) }
```


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

```
.border{ border-color:rgb(90, 177, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 177, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 177, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 177, 235);  
box-shadow:4px 4px 4px 4px rgb(90, 177,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 157.5990, 38.1587, -59.2843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 177, 235) }
```

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

```
.background{ background-color: rgb(90, 177,  
235) }
```

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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