

Converting Colors

YUV(159.3110, 38.3007,
-58.1547)

Have a look what the booklet for
YUV(159.3110, 38.3007, -58.1547)
contains.

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Color

**YUV(159.3110, 38.3007,
-58.1547)**

Conversions

Conversions Part 1

Format	Color
Hex	5DB2ED
RGB	93, 178, 237
RGB Percent	36%, 70%, 93%
CMY	0.6353, 0.3020, 0.0706
CMYK	0.61, 0.25, 0.00, 0.07
HSL	205°, 80%, 65%
HSV	205°, 61%, 93%
XYZ	35.7207, 40.2824, 86.0134
YIQ	159.3110, -69.5990, 0.3290

Conversions

Conversions Part 2

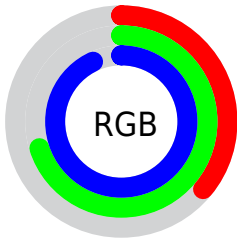
Format	Color
R_{YB}	93, 146, 237
Decimal	6140653
CIE _{Lab}	69.67, -8.44, -37.18
CIE _{LCh}	70, 38.123, 257.205
Yxy	40.2824, 0.2205, 0.2486
Android (android.graphics.Color)	4284330733 (0xFF5DB2ED)
YUV	159.3110, 38.3007, -58.1547
Hunter-Lab	63.4684, -10.6081, -35.9229

Details

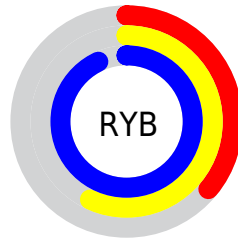
The YUV color **159.3110, 38.3007, -58.1547** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **170.6890, -38.3007, 58.1547**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.4740, 20.9653, -51.2817**, and **95.1940, 42.3024, -81.7311** is the 20% darker color. If you saturate the color by 10%, you get **146.2650, 44.7324, -67.7614**, and if you desaturate by 10%, it is **172.3570, 31.8690, -48.5481**.

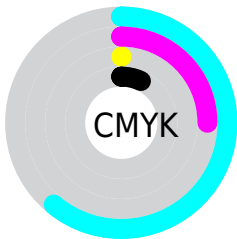
Distribution



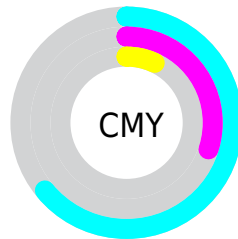
- Red (36%)
- Green (70%)
- Blue (93%)



- Red (36%)
- Yellow (57%)
- Blue (93%)



- Cyan (61%)
- Magenta (25%)
- Yellow (0%)
- Black (7%)



- Cyan (64%)
- Magenta (30%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.3110, 38.3007, -58.1547 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 159.3110, 38.3007, -58.1547 by changing the saturation by 10% instead.

■ 159.3110, 38.3007,
-58.1547

■ 159.3110, 38.3007,
-58.1547

255.0000, 0.0000,
0.0000

■ 130.1040, 38.8957,
-62.3582

■ 212.4740, 20.9653,
-51.2817

■ 95.1940, 42.3024,
-81.7311

■ 233.7710, 10.4659,
-43.6492

■ 76.8430, 38.0384,
-67.3913

■ 242.7410, 6.0437,
-25.2059

■ 59.7910, 33.6270,
-52.4367

■ 251.7110, 1.6215,
-6.7625

■ 43.3260, 28.9263,
-37.9969

■ 28.2630, 24.5203,
-24.7867

■ 9.2050, 22.5769,

-8.0728

■ 4.9360, 13.8356,
-4.3289

■ 0.5700, 2.1840,
-0.4999

■ 159.3110, 38.3007,
-58.1547

■ 159.3110, 38.3007,
-58.1547

■ 146.2650, 44.7324,
-67.7614

■ 172.3570, 31.8690,
-48.5481

■ 134.1050, 50.7272,
-77.2681

■ 184.5170, 25.8741,
-39.0414

■ 121.0590, 57.1589,
-86.8747

■ 197.5630, 19.4424,
-29.4348

■ 109.1980, 63.0064,
-95.7666

■ 210.6090, 13.0108,
-19.8281

■ 223.3560, 6.7265,
-10.8362

■ 235.8150, 0.5842,
-0.7148

■ 247.6650, -5.2578,
6.4328

■ 252.9480, -7.8624,
1.7996

Harmonies

Analogous

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



141.4490, 38.7256, -101.2488



159.3110, 38.3007, -58.1547



170.3810, 32.3502, -16.1201

Triad

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



159.3110, 38.3007, -58.1547



172.9040, -10.7987, 57.0892



161.3950, -19.4217, -24.0254

Complementary

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



159.3110, 38.3007, -58.1547



170.6890, -38.3007, 58.1547

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.



165.6070, -30.8653, 6.4837



159.3110, 38.3007, -58.1547



170.9020, -24.6017, 50.9519

Square

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



159.3110, 38.3007, -58.1547



174.6050, 6.1107, 46.8274



169.0170, -32.5464, 32.4341



154.5230, -0.2578, -57.4637

Rectangle

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



159.3110, 38.3007, -58.1547



173.7110, 25.2855, 9.9005



169.0170, -32.5464, 32.4341



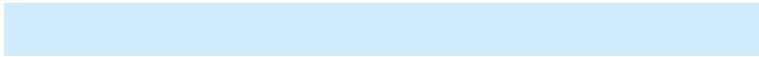
162.6090, -23.9642, -13.6891

Sweetspot

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



159.3110, 38.3007, -58.1547



230.0930, 12.2792, -18.4986



184.1400, -16.3380, -79.9298



112.2850, 7.7475, -11.6509



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.



159.3110, 38.3007, -58.1547



154.7740, 49.4114, -75.2238



117.6340, 58.8474, -21.6040



110.7760, 3.0684, -4.1886



83.4430, 48.0956, -73.1795



24.9400, 14.3266, -21.8724

Inverse Universe

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



145.7460, 15.9012, 80.0298



137.1540, 20.6301, 103.3509



212.3660, -58.8474, 21.6040



109.9730, 0.9993, 6.1627



66.3170, 20.0567, 100.5770



19.7940, 6.0176, 29.9987

Previews

White Background



This preview shows how the YUV color 159.3110, 38.3007, -58.1547 looks on a white background.

Color Contrast Check

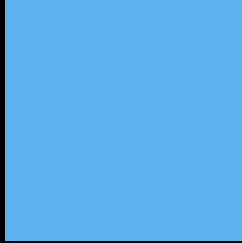
Large Text (above 18pt) WCAG AA × Fail

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 159.3110, 38.3007, -58.1547 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

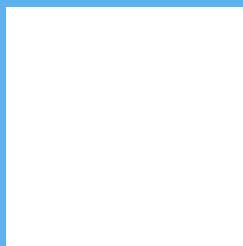
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 159.3110, 38.3007, -58.1547

Background



This preview shows how black text looks on a background with the YUV color 159.3110, 38.3007, -58.1547.

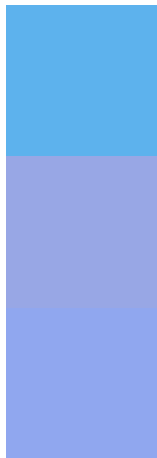


This preview shows how white text looks on a background with the YUV color 159.3110, 38.3007, -58.1547.

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

159.3110, 38.3007, -58.1547

Protanopia

169.5830, 29.2926, -15.4203

Deuteranopia

168.3310, 34.8398, -21.3383



Tritanopia

154.1190, 22.6193, -68.5104

Trichromacy



Original Color

159.3110, 38.3007, -58.1547

Protanomaly

165.9940, 32.5410, -30.6897

Deuteranomaly

164.8840, 36.0462, -34.9783

Tritanomaly

155.6340, 28.2814, -64.5770

Monochromacy



Original Color

159.3110, 38.3007, -58.1547

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.1250, 13.7424, -21.1576

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.3110, 38.3007, -58.1547 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(93, 178, 237)` looks like.

```
.text, #text, p{  
    color:rgb(93, 178, 237)  
}
```

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(93, 178, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 178, 237) }
```

Border

The CSS property to change the border of an element to YUV 159.3110, 38.3007, -58.1547 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(93, 178, 237) }
```


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

```
.border{ border-color:rgb(93, 178, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 178, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 178, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 178, 237);  
box-shadow:4px 4px 4px 4px rgb(93, 178,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 159.3110, 38.3007, -58.1547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 178, 237) }
```

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

```
.background{ background-color: rgb(93, 178,  
237) }
```

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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