

Converting Colors

YUV(158.1580, 40.3481,
-61.5286)

Have a look what the booklet for
YUV(158.1580, 40.3481, -61.5286)
contains.

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Color

**YUV(158.1580, 40.3481,
-61.5286)**

Conversions

Conversions Part 1

Format	Color
Hex	58B2F0
RGB	88, 178, 240
RGB Percent	35%, 70%, 94%
CMY	0.6549, 0.3020, 0.0588
CMYK	0.63, 0.26, 0.00, 0.06
HSL	204°, 84%, 64%
HSV	204°, 63%, 94%
XYZ	35.6731, 40.2068, 88.3186
YIQ	158.1580, -73.5420, 0.2020

Conversions

Conversions Part 2

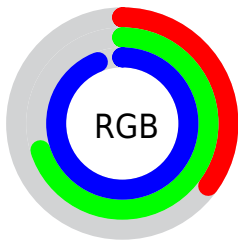
Format	Color
R_{YB}	88, 145, 240
Decimal	5812976
CIE _{Lab}	69.62, -8.37, -38.91
CIE _{LCh}	70, 39.797, 257.856
Yxy	40.2068, 0.2173, 0.2449
Android (android.graphics.Color)	4284003056 (0xFF58B2F0)
YUV	158.1580, 40.3481, -61.5286
Hunter-Lab	63.4088, -10.5433, -38.1956

Details

The YUV color **158.1580, 40.3481, -61.5286** 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 **169.8420, -40.3481, 61.5286**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.2780, 21.5549, -53.7408**, and **94.9380, 43.9076, -83.2606** is the 20% darker color. If you saturate the color by 10%, you get **145.1120, 46.7798, -71.1352**, and if you desaturate by 10%, it is **171.2040, 33.9164, -51.9219**.

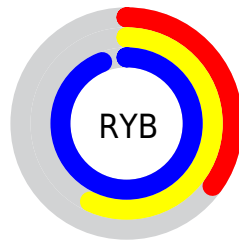
Distribution



Red (35%)

Green (70%)

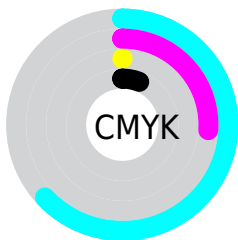
Blue (94%)



Red (35%)

Yellow (57%)

Blue (94%)

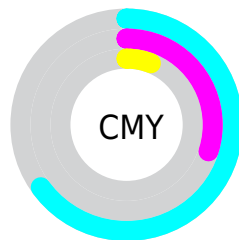


Cyan (63%)

Magenta (26%)

Yellow (0%)

Black (6%)



Cyan (65%)

Magenta (30%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.1580, 40.3481, -61.5286 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 158.1580, 40.3481, -61.5286 by changing the saturation by 10% instead.

■ 158.1580, 40.3481,
-61.5286

■ 158.1580, 40.3481,
-61.5286

255.0000, 0.0000,
0.0000

■ 128.3530, 41.2380,
-66.9616

■ 211.2780, 21.5549,
-53.7408

■ 94.9380, 43.9076,
-83.2606

■ 232.5750, 11.0555,
-46.1083

■ 77.1850, 39.3488,
-67.6912

■ 241.8440, 6.4859,
-27.0502

■ 60.0190, 34.5006,
-52.6367

■ 250.8140, 2.0637,
-8.6069

■ 43.6680, 30.2367,
-38.2968

■ 29.0780, 25.1045,
-25.5014

■ 9.4330, 23.4505,

-8.2727

■ 5.1640, 14.7091,
-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 158.1580, 40.3481,
-61.5286

■ 158.1580, 40.3481,
-61.5286

■ 145.1120, 46.7798,
-71.1352

■ 171.2040, 33.9164,
-51.9219

■ 132.0660, 53.2115,
-80.7419

■ 184.2500, 27.4847,
-42.3152

■ 119.6070, 59.3537,
-90.8633

■ 196.7090, 21.3425,
-32.1938

■ 110.7140, 63.7380,
-97.0962

■ 209.7550, 14.9108,
-22.5871

■ 222.8010, 8.4791,
-12.9805

■ 235.8470, 2.0474,
-3.3738

■ 248.5940, -4.2368,
5.6181

■ 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.



134.6040, 43.5792, -118.0477



158.1580, 40.3481, -61.5286



170.1360, 33.9500, -15.9053

Triad

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



158.1580, 40.3481, -61.5286



172.2140, -10.9515, 59.4483



160.2700, -19.8531, -25.6698

Complementary

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



158.1580, 40.3481, -61.5286



169.8420, -40.3481, 61.5286

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.



165.5530, -32.3176, 5.6540



158.1580, 40.3481, -61.5286



170.5710, -25.9175, 52.9962

Square

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



158.1580, 40.3481, -61.5286



174.2140, 5.8105, 49.8013



168.5610, -34.2936, 32.8340



152.4300, 0.7740, -61.7671

Rectangle

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



158.1580, 40.3481, -61.5286



173.6510, 26.3011, 10.8301



168.5610, -34.2936, 32.8340



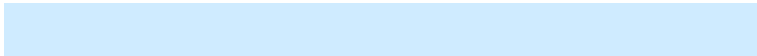
162.3700, -24.8324, -15.2335

Sweetspot

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



158.1580, 40.3481, -61.5286



228.9080, 12.8634, -19.2133



184.1780, -17.3428, -84.3481



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.



158.1580, 40.3481, -61.5286



150.6210, 51.4588, -78.5976



114.1330, 62.0524, -22.9186



113.4770, 3.2158, -4.8033



84.9590, 48.8272, -74.5090



25.7550, 14.9108, -22.5871

Inverse Universe

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



143.7080, 16.9060, 84.4481



132.1160, 21.6348, 107.7693



213.8670, -62.0524, 22.9186



112.3860, 1.2887, 6.6775



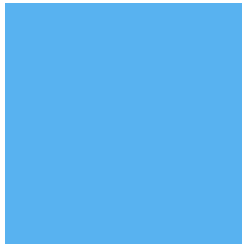
67.4420, 20.4881, 102.2214



20.5060, 6.1595, 31.1282

Previews

White Background



This preview shows how the YUV color 158.1580, 40.3481, -61.5286 looks on a white background.

Color Contrast Check

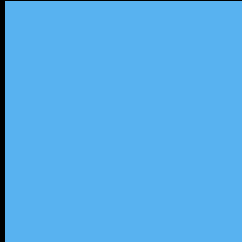
Large Text (above 18pt) WCAG AA × Fail

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 158.1580, 40.3481, -61.5286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

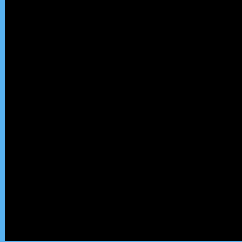
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

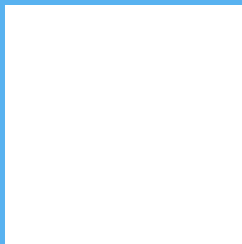
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 158.1580, 40.3481, -61.5286

Background



This preview shows how black text looks on a background with the YUV color 158.1580, 40.3481, -61.5286.

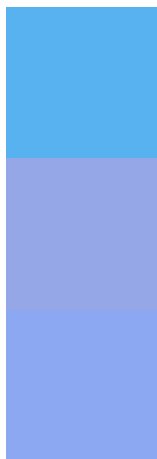


This preview shows how white text looks on a background with the YUV color 158.1580, 40.3481, -61.5286.

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

158.1580, 40.3481, -61.5286

Protanopia

169.2130, 30.4610, -16.8498

Deuteranopia

168.3630, 36.3030, -23.9974



Tritanopia

151.7270, 23.7986, -73.4286

Trichromacy



Original Color

158.1580, 40.3481, -61.5286

Protanomaly

165.0260, 34.0042, -33.3488

Deuteranomaly

164.9160, 37.5094, -37.6373

Tritanomaly

153.7690, 30.1869, -69.0804

Monochromacy



Original Color

158.1580, 40.3481, -61.5286

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.0540, 14.7634, -21.9724

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.1580, 40.3481, -61.5286 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, 178, 240)` looks like.

```
.text, #text, p{  
    color:rgb(88, 178, 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(88, 178, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 178, 240) }
```

Border

The CSS property to change the border of an element to YUV 158.1580, 40.3481, -61.5286 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, 178, 240) }
```


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

```
.border{ border-color:rgb(88, 178, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 178, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 178, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 178, 240);  
box-shadow:4px 4px 4px 4px rgb(88, 178,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 158.1580, 40.3481, -61.5286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 178, 240) }
```

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

```
.background{ background-color: rgb(88, 178,  
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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