

Converting Colors

YUV(160.9660, 28.1178,
-58.7292)

Have a look what the booklet for
YUV(160.9660, 28.1178, -58.7292)
contains.

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Color

**YUV(160.9660, 28.1178,
-58.7292)**

Conversions

Conversions Part 1

Format	Color
Hex	5EB8DA
RGB	94, 184, 218
RGB Percent	37%, 72%, 85%
CMY	0.6314, 0.2784, 0.1451
CMYK	0.57, 0.16, 0.00, 0.15
HSL	196°, 63%, 61%
HSV	196°, 57%, 85%
XYZ	34.4115, 41.7226, 72.5693
YIQ	160.9660, -64.5540, -8.5060

Conversions

Conversions Part 2

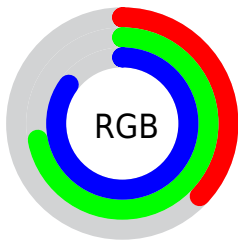
Format	Color
R _{YB}	94, 146, 218
Decimal	6207706
CIE Lab	70.68, -17.26, -25.25
CIE LCh	71, 30.586, 235.656
Yxy	41.7226, 0.2314, 0.2806
Android (android.graphics.Color)	4284397786 (0xFF5EB8DA)
YUV	160.9660, 28.1178, -58.7292
Hunter-Lab	64.5930, -17.9433, -21.3962

Details

The YUV color **160.9660, 28.1178, -58.7292** 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 **151.0340, -28.1178, 58.7292**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.6970, 19.3764, -54.9853**, and **101.4590, 30.3397, -71.4395** is the 20% darker color. If you saturate the color by 10%, you get **150.8660, 33.0971, -69.1655**, and if you desaturate by 10%, it is **171.0660, 23.1385, -48.2929**.

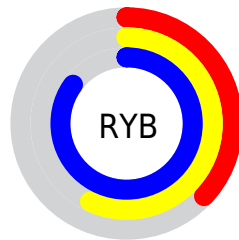
Distribution



Red (37%)

Green (72%)

Blue (85%)



Red (37%)

Yellow (57%)

Blue (85%)

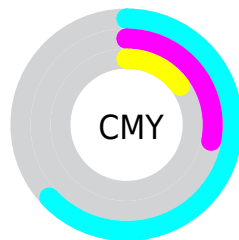


Cyan (57%)

Magenta (16%)

Yellow (0%)

Black (15%)



Cyan (63%)

Magenta (28%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.9660, 28.1178, -58.7292 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 160.9660, 28.1178, -58.7292 by changing the saturation by 10% instead.

160.9660, 28.1178,
-58.7292

160.9660, 28.1178,
-58.7292

255.0000, 0.0000,
0.0000

132.3570, 28.4180,
-61.7031

215.6970, 19.3764,
-54.9853

101.4590, 30.3397,
-71.4395

233.4720, 10.6133,
-44.2639

77.8400, 29.1659,
-68.2657

242.1430, 6.3385,
-26.4354

60.2010, 25.0439,
-52.7963

251.1130, 1.9163,
-7.9921

43.9640, 21.2167,
-38.5564

28.3140, 17.1002,
-24.8314

9.3700, 15.5936,

-8.2175

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 160.9660, 28.1178,
-58.7292

■ 160.9660, 28.1178,
-58.7292

■ 150.8660, 33.0971,
-69.1655

■ 171.0660, 23.1385,
-48.2929

■ 140.7660, 38.0764,
-79.6018

■ 181.1660, 18.1592,
-37.8566

■ 130.9650, 42.9083,
-89.4233

■ 190.9670, 13.3273,
-28.0351

■ 120.8650, 47.8876,
-99.8596

■ 201.0670, 8.3480,
-17.5988

■ 117.5980, 49.4982,
-103.1334

■ 211.1670, 3.3687,
-7.1625

■ 221.2670, -1.6106,
3.2738

■ 231.3670, -6.5899,
13.7101

■ 237.2810, -9.5055,
15.5396

■ 240.8030,
-11.2419, 12.4508

Harmonies

Analogous

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



157.5170, 18.9721, -65.3514



160.9660, 28.1178, -58.7292



168.7610, 29.2048, -33.9934

Triad

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



160.9660, 28.1178, -58.7292



176.4920, 0.7434, 41.6645



169.2130, -23.2760, -1.0638

Complementary

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



160.9660, 28.1178, -58.7292



151.0340, -28.1178, 58.7292

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.



171.7320, -26.9829, 21.2830



160.9660, 28.1178, -58.7292



175.6700, -12.6553, 45.8934

Square

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



160.9660, 28.1178, -58.7292



177.4110, 13.6014, 24.1956



173.6940, -22.5271, 38.8564



165.0340, -11.8488, -26.3398

Rectangle

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



160.9660, 28.1178, -58.7292



173.3830, 25.9402, -13.4909



173.6940, -22.5271, 38.8564



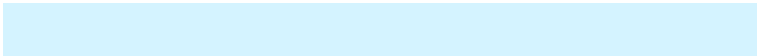
170.1000, -25.1923, 6.9283

Sweetspot

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



160.9660, 28.1178, -58.7292



235.0990, 9.8112, -20.2578



170.5500, -21.4702, -67.1344



116.1170, 5.8583, -12.3806



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.



160.9660, 28.1178, -58.7292



175.0970, 39.3922, -81.6461



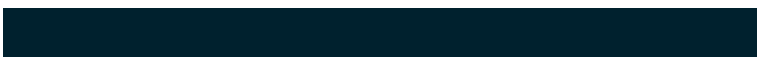
125.1590, 45.7706, -27.3264



104.9500, 2.4896, -5.2182



93.6840, 39.1028, -82.1609



24.6150, 10.5428, -21.5874

Inverse Universe

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



141.3360, 21.0334, 67.2343



147.9770, 29.0983, 93.8592



186.8410, -45.7706, 27.3264



103.2010, 1.8729, 5.9627



66.0910, 29.5351, 93.7592



17.5160, 7.6336, 24.9805

Previews

White Background



This preview shows how the YUV color 160.9660, 28.1178, -58.7292 looks on a white background.

Color Contrast Check

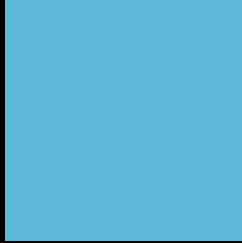
Large Text (above 18pt) WCAG AA × Fail

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 160.9660, 28.1178, -58.7292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

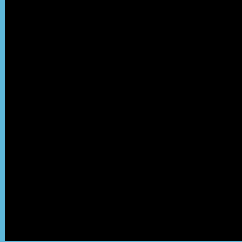
Any Text WCAG AA ✓ Pass

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 160.9660, 28.1178, -58.7292 Background



This preview shows how black text looks on a background with the YUV color 160.9660, 28.1178, -58.7292.



This preview shows how white text looks on a background with the YUV color 160.9660, 28.1178, -58.7292.

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

160.9660, 28.1178, -58.7292

Protanopia

172.2390, 17.6302, -8.1026

Deuteranopia

172.8350, 23.7453, -9.5023



Tritanopia

159.1090, 21.1453, -62.3626

Trichromacy



Original Color

160.9660, 28.1178, -58.7292

Protanomaly

168.1550, 21.6156, -26.4459

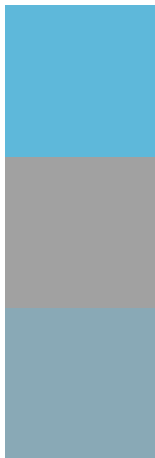
Deuteranomaly

168.1810, 25.5468, -27.3457

Tritanomaly

159.8040, 23.7606, -61.2181

Monochromacy



Original Color

160.9660, 28.1178, -58.7292

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

160.9140, 10.3954, -20.9726

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.9660, 28.1178, -58.7292 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(94, 184, 218)` looks like.

```
.text, #text, p{  
    color:rgb(94, 184, 218)  
}
```

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(94, 184, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 184, 218) }
```

Border

The CSS property to change the border of an element to YUV 160.9660, 28.1178, -58.7292 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(94, 184, 218) }
```


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

```
.border{ border-color:rgb(94, 184, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 184, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 184, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 184, 218);  
box-shadow:4px 4px 4px 4px rgb(94, 184,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 160.9660, 28.1178, -58.7292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 184, 218) }
```

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

```
.background{ background-color: rgb(94, 184,  
218) }
```

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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