

Converting Colors

YUV(156.1180, 27.5498,
-63.2475)

Have a look what the booklet for
YUV(156.1180, 27.5498, -63.2475)
contains.

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Color

**YUV(156.1180, 27.5498,
-63.2475)**

Conversions

Conversions Part 1

Format	Color
Hex	54B6D4
RGB	84, 182, 212
RGB Percent	33%, 71%, 83%
CMY	0.6706, 0.2863, 0.1686
CMYK	0.60, 0.14, 0.00, 0.17
HSL	194°, 60%, 58%
HSV	194°, 60%, 83%
XYZ	32.2678, 40.0942, 68.3256
YIQ	156.1180, -68.0380, -11.4460

Conversions

Conversions Part 2

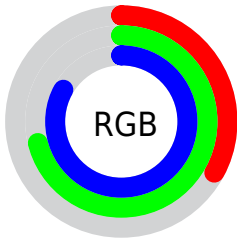
Format	Color
R _Y B	84, 140, 212
Decimal	5551828
CIE Lab	69.54, -19.89, -23.75
CIE LCh	70, 30.978, 230.056
Yxy	40.0942, 0.2294, 0.2850
Android (android.graphics.Color)	4283741908 (0xFF54B6D4)
YUV	156.1180, 27.5498, -63.2475
Hunter-Lab	63.3200, -19.8466, -19.6531

Details

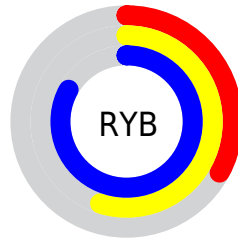
The YUV color **156.1180, 27.5498, -63.2475** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **139.8820, -27.5498, 63.2475**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.8320, 21.2818, -59.4887**, and **93.6210, 31.2458, -82.1056** is the 20% darker color. If you saturate the color by 10%, you get **146.9040, 32.0923, -73.5838**, and if you desaturate by 10%, it is **165.3320, 23.0073, -52.9112**.

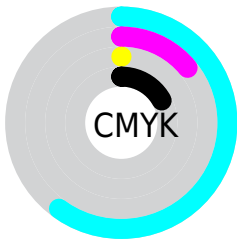
Distribution



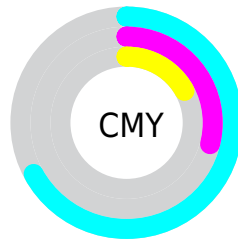
- Red (33%)
- Green (71%)
- Blue (83%)



- Red (33%)
- Yellow (55%)
- Blue (83%)



- Cyan (60%)
- Magenta (14%)
- Yellow (0%)
- Black (17%)



- Cyan (67%)
- Magenta (29%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.1180, 27.5498, -63.2475 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 156.1180, 27.5498, -63.2475 by changing the saturation by 10% instead.

■ 156.1180, 27.5498,
-63.2475

■ 156.1180, 27.5498,
-63.2475

■ 255.0000, 0.0000,
0.0000

■ 126.9110, 28.1449,
-67.4509

■ 211.8320, 21.2818,
-59.4887

■ 93.6210, 31.2458,
-82.1056

■ 230.7810, 11.9400,
-49.7969

■ 75.9820, 27.1239,
-66.6362

■ 239.4520, 7.6652,
-31.9684

■ 58.4570, 23.4387,
-51.2668

■ 248.4220, 3.2430,
-13.5251

■ 42.2200, 19.6115,
-37.0269

■ 27.1570, 15.2056,
-23.8167

■ 5.3920, 15.5827,

-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 156.1180, 27.5498,
-63.2475

■ 156.1180, 27.5498,
-63.2475

■ 146.9040, 32.0923,
-73.5838

■ 165.3320, 23.0073,
-52.9112

■ 137.6900, 36.6348,
-83.9201

■ 174.5460, 18.4648,
-42.5748

■ 128.1770, 41.3247,
-94.8712

■ 184.0590, 13.7749,
-31.6237

■ 119.2620, 45.7198,
-104.5928

■ 193.2730, 9.2324,
-21.2874

■ 202.4870, 4.6899,
-10.9511

■ 211.7010, 0.1474,
-0.6148

■ 220.9150, -4.3951,
9.7215

■ 230.4280, -9.0850,
20.6726

■ 233.6620,
-10.6794, 18.7134

Harmonies

Analogous

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



153.9470, 16.7881, -64.8515



156.1180, 27.5498, -63.2475



163.9560, 30.0947, -39.4264

Triad

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



156.1180, 27.5498, -63.2475



174.0510, 2.9329, 39.4203



166.3060, -24.3079, 3.2396

Complementary

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



156.1180, 27.5498, -63.2475



139.8820, -27.5498, 63.2475

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.



169.1670, -26.7043, 25.2865



156.1180, 27.5498, -63.2475



172.9520, -10.3293, 46.5231

Square

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



156.1180, 27.5498, -63.2475



173.6600, 15.9436, 19.5922



171.3460, -21.3696, 40.9156



162.6710, -14.6278, -21.6365

Rectangle

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



156.1180, 27.5498, -63.2475



168.8060, 27.7036, -19.1239



171.3460, -21.3696, 40.9156



167.1930, -26.2241, 11.2317

Sweetspot

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



156.1180, 27.5498, -63.2475



234.7890, 9.9640, -22.6170



162.5560, -23.9381, -68.8936



115.2200, 6.3005, -14.2249



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.



156.1180, 27.5498, -63.2475



174.7430, 39.5667, -90.9826



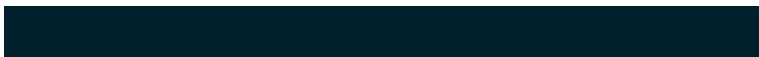
118.5500, 46.0709, -30.3003



102.5370, 2.2003, -5.7329



96.3910, 36.7822, -84.5349



24.2730, 9.2324, -21.2874

Inverse Universe

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



133.4440, 23.9381, 68.8936



142.0900, 34.4656, 99.0221



177.4500, -46.0708, 30.3004



100.3150, 2.3097, 5.8627



66.0630, 32.0139, 92.0297



16.6190, 8.0758, 23.1361

Previews

White Background



This preview shows how the YUV color 156.1180, 27.5498, -63.2475 looks on a white background.

Color Contrast Check

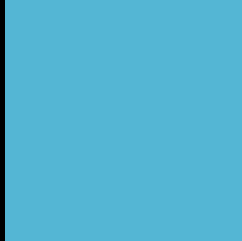
Large Text (above 18pt) WCAG AA × Fail

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 156.1180, 27.5498, -63.2475 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 156.1180, 27.5498, -63.2475 Background



This preview shows how black text looks on a background with the YUV color 156.1180, 27.5498, -63.2475.



This preview shows how white text looks on a background with the YUV color 156.1180, 27.5498, -63.2475.

-63.2475.

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

156.1180, 27.5498, -63.2475

Protanopia

169.4950, 16.0250, -6.5731

Deuteranopia

170.2050, 22.5769, -8.0728



Tritanopia

154.0160, 22.1771, -66.6660

Trichromacy



Original Color

156.1180, 27.5498, -63.2475

Protanomaly

164.5140, 20.4526, -26.7608

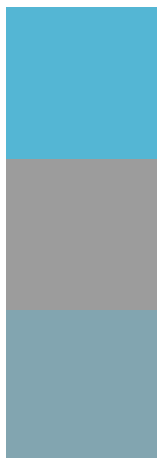
Deuteranomaly

165.2410, 24.5312, -28.2754

Tritanomaly

154.5970, 24.3557, -65.4216

Monochromacy



Original Color

156.1180, 27.5498, -63.2475

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.7890, 9.9640, -22.6170

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.1180, 27.5498, -63.2475 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(84, 182, 212)` looks like.

```
.text, #text, p{  
    color:rgb(84, 182, 212)  
}
```

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(84, 182, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 182, 212) }
```

Border

The CSS property to change the border of an element to YUV 156.1180, 27.5498, -63.2475 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(84, 182, 212) }
```


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

```
.border{ border-color:rgb(84, 182, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 182, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 182, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 182, 212);  
box-shadow:4px 4px 4px 4px rgb(84, 182,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 156.1180, 27.5498, -63.2475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 182, 212) }
```

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

```
.background{ background-color: rgb(84, 182,  
212) }
```

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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