

Converting Colors

YUV(115.0580, 48.7784,
-58.8099)

Have a look what the booklet for
YUV(115.0580, 48.7784, -58.8099)
contains.

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Color

**YUV(115.0580, 48.7784,
-58.8099)**

Conversions

Conversions Part 1

Format	Color
Hex	3082D6
RGB	48, 130, 214
RGB Percent	19%, 51%, 84%
CMY	0.8118, 0.4902, 0.1608
CMYK	0.78, 0.39, 0.00, 0.16
HSL	210°, 67%, 51%
HSV	210°, 78%, 84%
XYZ	21.3392, 21.4487, 66.6336
YIQ	115.0580, -75.8360, 8.7400

Conversions

Conversions Part 2

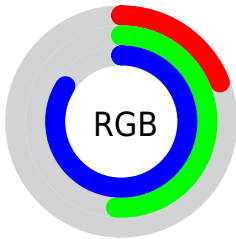
Format	Color
RYB	48, 103, 214
Decimal	3179222
CIELab	53.44, 4.59, -50.08
CIElCh	53, 50.292, 275.239
Yxy	21.4487, 0.1950, 0.1960
Android (android.graphics.Color)	4281369302 (0xFF3082D6)
YUV	115.0580, 48.7784, -58.8099
Hunter-Lab	46.3127, 1.1988, -52.8861




Details

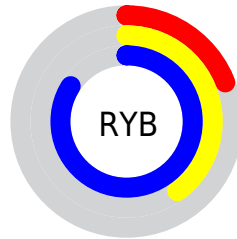
The YUV color **115.0580, 48.7784, -58.8099** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **146.9420, -48.7784, 58.8099**, and the grayscale version is **115.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **171.1860, 41.3203, -46.6441**, and **65.6730, 46.0102, -57.5952** is the 20% darker color. If you saturate the color by 10%, you get **102.3220, 55.0573, -66.0574**, and if you desaturate by 10%, it is **127.7940, 42.4996, -51.5623**.

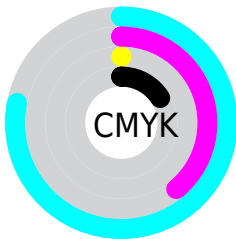
Distribution







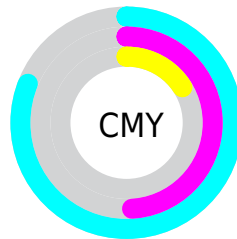
-  Red (19%)
-  Green (51%)
-  Blue (84%)






-  Red (19%)
-  Yellow (40%)
-  Blue (84%)



-  Cyan (78%)
-  Magenta (39%)
-  Yellow (0%)
-  Black (16%)



-  Cyan (81%)
-  Magenta (49%)
-  Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.0580, 48.7784, -58.8099 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 115.0580, 48.7784, -58.8099 by changing the saturation by 10% instead.

■ 115.0580, 48.7784,
-58.8099

■ 115.0580, 48.7784,
-58.8099

255.0000, 0.0000,
0.0000

■ 82.8390, 50.8584,
-72.6498

■ 171.1860, 41.3203,
-46.6441

■ 65.6730, 46.0102,
-57.5952

■ 196.5920, 28.7951,
-42.6152

■ 49.6810, 40.5833,
-43.5702

■ 222.2970, 16.1226,
-37.9715

■ 34.3900, 35.3037,
-30.1600

■ 241.2460, 6.7807,
-28.2797

■ 19.9140, 30.6084,
-17.4646

■ 250.2160, 2.3585,
-9.8364

■ 9.5470, 23.8873,
-8.3727

■ 5.1640, 14.7091,

-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 115.0580, 48.7784,
-58.8099

■ 115.0580, 48.7784,
-58.8099

■ 102.3220, 55.0573,
-66.0574

■ 127.7940, 42.4996,
-51.5623

■ 89.2870, 61.4835,
-73.9197

■ 140.8290, 36.0733,
-43.7000

■ 86.6180, 62.7993,
-75.9640

■ 152.9780, 30.0838,
-35.9377

■ 166.0130, 23.6576,
-28.0754

■ 178.7490, 17.3787,
-20.8279

■ 191.4850, 11.0999,
-13.5803

■ 204.5200, 4.6736,
-5.7180

■ 217.2560, -1.6052,
1.5295

■ 229.7040, -7.7421,
9.9066

Harmonies

Analogous

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



106.8380, 48.8869, -93.6969



115.0580, 48.7784, -58.8099



130.5780, 33.7320, 7.3861

Triad

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



115.0580, 48.7784, -58.8099



125.8700, -22.6139, 66.7660



101.9420, -5.8874, -71.8631

Complementary

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



115.0580, 48.7784, -58.8099



146.9420, -48.7784, 58.8099

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.



117.1220, -32.1051, -15.8930



115.0580, 48.7784, -58.8099



124.6230, -38.2681, 47.6886

Square

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



115.0580, 48.7784, -58.8099



127.1580, -2.5429, 69.1444



122.0680, -43.4175, 19.2344



102.7390, 15.4117, -90.1021

Rectangle

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



115.0580, 48.7784, -58.8099



131.6050, 22.8727, 37.1804



122.0680, -43.4175, 19.2344



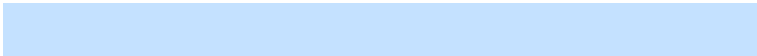
110.5340, -17.0253, -46.0723

Sweetspot

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



115.0580, 48.7784, -58.8099



219.7490, 17.3787, -20.8279



154.9040, -11.7847, -93.7548



106.0830, 10.8051, -12.3508



0.0000, 0.0000, 0.0000



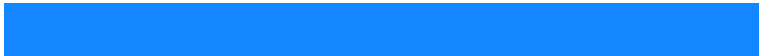
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



115.0580, 48.7784, -58.8099



113.6970, 69.6624, -83.9263



66.9240, 72.5085, -16.5963



100.7760, 3.0684, -4.1886



68.8020, 50.3836, -60.3394



17.2290, 12.7051, -15.1098

Inverse Universe

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



106.9820, 11.3479, 93.8548



102.2010, 16.1699, 134.0047



195.0760, -72.5085, 16.5963



99.9730, 0.9993, 6.1627



60.7050, 11.4844, 96.7287



15.2510, 2.8343, 24.3359

Previews

White Background



This preview shows how the YUV color 115.0580, 48.7784, -58.8099 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 115.0580, 48.7784, -58.8099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

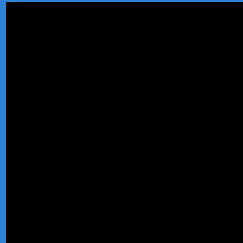
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 115.0580, 48.7784, -58.8099 Background



This preview shows how black text looks on a background with the YUV color 115.0580, 48.7784, -58.8099.



This preview shows how white text looks on a background with the YUV color 115.0580, 48.7784, -58.8099.

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

115.0580, 48.7784, -58.8099

Protanopia

124.3070, 41.2606, -27.4562

Deuteranopia

118.9670, 46.8513, -47.3291



Tritanopia

100.0950, 25.5892, -87.7833

Trichromacy



Original Color

115.0580, 48.7784, -58.8099

Protanomaly

120.9250, 43.9140, -38.5222

Deuteranomaly

117.7600, 47.4463, -51.5325

Tritanomaly

105.4520, 34.2872, -77.5724

Monochromacy



Original Color

115.0580, 48.7784, -58.8099

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.8630, 17.8155, -20.9279

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.0580, 48.7784, -58.8099 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(48, 130, 214)` looks like.

```
.text, #text, p{  
    color:rgb(48, 130, 214)  
}
```

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(48, 130, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 130, 214) }
```

Border

The CSS property to change the border of an element to YUV 115.0580, 48.7784, -58.8099 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(48, 130, 214) }
```


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

```
.border{ border-color:rgb(48, 130, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 130, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 130, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 130, 214);  
box-shadow:4px 4px 4px 4px rgb(48, 130,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 115.0580, 48.7784, -58.8099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 130, 214) }
```

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

```
.background{ background-color: rgb(48, 130,  
214) }
```

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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