

Converting Colors

YUV(119.2960, 58.0281,
-38.8476)

Have a look what the booklet for
YUV(119.2960, 58.0281, -38.8476)
contains.

YUV(119.2960, 58.0281, -38.8476)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(119.2960, 58.0281,
-38.8476)**

Conversions

Conversions Part 1

Format	Color
Hex	4B77ED
RGB	75, 119, 237
RGB Percent	29%, 47%, 93%
CMY	0.7059, 0.5333, 0.0706
CMYK	0.68, 0.50, 0.00, 0.07
HSL	224°, 82%, 61%
HSV	224°, 68%, 93%
XYZ	24.7845, 20.8039, 82.8300
YIQ	119.2960, -64.1020, 27.3700

Conversions

Conversions Part 2

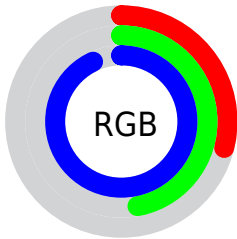
Format	Color
RYB	75, 110, 237
Decimal	4945901
CIELab	52.73, 23.17, -64.07
CIELCh	53, 68.127, 289.881
Yxy	20.8039, 0.1930, 0.1620
Android (android.graphics.Color)	4283135981 (0xFF4B77ED)
YUV	119.2960, 58.0281, -38.8476
Hunter-Lab	45.6113, 17.1745, -75.7425

Details

The YUV color **119.2960, 58.0281, -38.8476** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **192.7040, -58.0281, 38.8476**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.3070, 41.2606, -27.4562**, and **62.7840, 57.7875, -55.0616** is the 20% darker color. If you saturate the color by 10%, you get **102.1410, 66.4855, -44.8507**, and if you desaturate by 10%, it is **136.4510, 49.5707, -32.8445**.

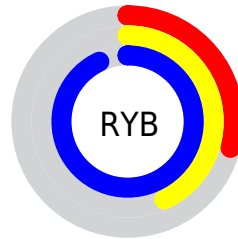
Distribution



Red (29%)

Green (47%)

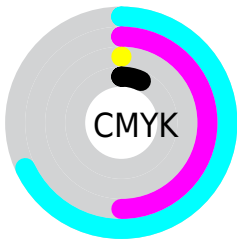
Blue (93%)



Red (29%)

Yellow (43%)

Blue (93%)

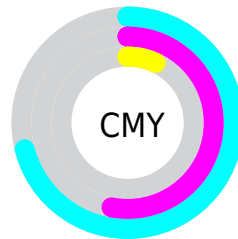


Cyan (68%)

Magenta (50%)

Yellow (0%)

Black (7%)



Cyan (71%)

Magenta (53%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.2960, 58.0281, -38.8476 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 119.2960, 58.0281, -38.8476 by changing the saturation by 10% instead.

■ 119.2960, 58.0281,
-38.8476

■ 119.2960, 58.0281,
-38.8476

255.0000, 0.0000,
0.0000

■ 88.7460, 58.7922,
-50.6432

■ 171.3070, 41.2606,
-27.4562

■ 62.7840, 57.7875,
-55.0616

■ 196.4250, 28.8775,
-22.2977

■ 46.7920, 52.3605,
-41.0366

■ 221.8310, 16.3523,
-18.2688

■ 32.5610, 46.0654,
-28.5560

■ 247.5360, 3.6798,
-13.6251

■ 16.0960, 41.3647,
-14.1162

■ 13.8330, 30.1553,
-12.1315

■ 8.2760, 21.5559,

-7.2581

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 119.2960, 58.0281,
-38.8476

■ 119.2960, 58.0281,
-38.8476

■ 102.1410, 66.4855,
-44.8507

■ 136.4510, 49.5707,
-32.8445

■ 84.6980, 75.0849,
-49.7241

■ 153.8940, 40.9713,
-27.9710

■ 67.5430, 83.5423,
-55.7272

■ 171.0490, 32.5138,
-21.9680

■ 64.5860, 85.0001,
-56.6419

■ 188.2040, 24.0564,
-15.9649

■ 205.3590, 15.5990,
-9.9618

■ 222.8020, 6.9996,
-5.0884

■ 239.9570, -1.4578,
0.9147

■ 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.



109.1810, 65.4798, -95.7517



119.2960, 58.0281, -38.8476



128.1830, 36.3918, 41.0585

Triad

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



119.2960, 58.0281, -38.8476



118.8980, -41.8547, 78.1425



100.3790, 1.2922, -88.0324

Complementary

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



119.2960, 58.0281, -38.8476



192.7040, -58.0281, 38.8476

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.



98.5630, -27.8856, -62.7608



119.2960, 58.0281, -38.8476



118.3240, -58.3337, 43.5659

Square

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



119.2960, 58.0281, -38.8476



115.4130, -12.5286, 98.7388



113.6300, -56.0196, 1.2015



107.9200, 27.6474, -94.6458

Rectangle

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



119.2960, 58.0281, -38.8476



122.6190, 21.8798, 75.7561



113.6300, -56.0196, 1.2015



96.9250, -6.8650, -85.0032

Sweetspot

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



119.2960, 58.0281, -38.8476



215.9610, 19.2462, -13.1208



183.3180, 3.7872, -94.9949



104.3440, 11.6624, -7.3177



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.



119.2960, 58.0281, -38.8476



103.2850, 74.7955, -50.2389



103.9330, 65.6020, 5.3208



109.0150, 3.9366, -2.6442



49.3970, 64.8803, -43.3212



14.9610, 19.2462, -13.1208

Inverse Universe

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



128.4540, -4.6608, 95.1948



114.9890, -5.9106, 122.7896



208.0670, -65.6020, -5.3208



109.6310, -0.3111, 6.4626



59.7050, -5.2776, 106.3757



17.8560, -1.4080, 31.6983

Previews

White Background



This preview shows how the YUV color 119.2960, 58.0281, -38.8476 looks on a white background.

Color Contrast Check

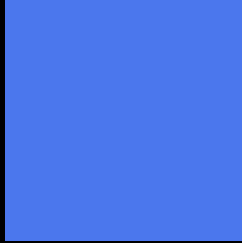
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.2960, 58.0281, -38.8476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

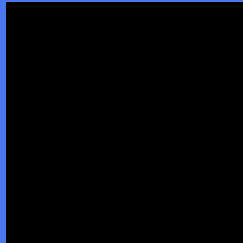
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.2960, 58.0281, -38.8476

Background



This preview shows how black text looks on a background with the YUV color 119.2960, 58.0281, -38.8476.



This preview shows how white text looks on a background with the YUV color 119.2960, 58.0281, -38.8476.

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

119.2960, 58.0281, -38.8476

Protanopia

115.6150, 60.8288, -50.5284

Deuteranopia

100.6720, 60.8007, -88.2893



Tritanopia

98.6930, 25.2944, -86.5538

Trichromacy



Original Color

119.2960, 58.0281, -38.8476

Protanomaly

116.7080, 59.7970, -46.2249

Deuteranomaly

107.5540, 59.8729, -70.6459

Tritanomaly

106.3050, 37.3176, -69.5505

Monochromacy



Original Color

119.2960, 58.0281, -38.8476

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.1180, 21.1408, -14.1355

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.2960, 58.0281, -38.8476 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(75, 119, 237)` looks like.

```
.text, #text, p{  
    color:rgb(75, 119, 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(75, 119, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 119, 237) }
```

Border

The CSS property to change the border of an element to YUV 119.2960, 58.0281, -38.8476 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(75, 119, 237) }
```


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

```
.border{ border-color:rgb(75, 119, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 119, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 119, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 119, 237);  
box-shadow:4px 4px 4px 4px rgb(75, 119,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 119.2960, 58.0281, -38.8476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 119, 237) }
```

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

```
.background{ background-color: rgb(75, 119,  
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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