

Converting Colors

YUV(102.2410, 58.0552,
-47.5694)

Have a look what the booklet for
YUV(102.2410, 58.0552, -47.5694)
contains.

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Color

**YUV(102.2410, 58.0552,
-47.5694)**

Conversions

Conversions Part 1

Format	Color
Hex	306BDC
RGB	48, 107, 220
RGB Percent	19%, 42%, 86%
CMY	0.8118, 0.5804, 0.1373
CMYK	0.78, 0.51, 0.00, 0.14
HSL	219°, 71%, 53%
HSV	219°, 78%, 86%
XYZ	19.3949, 16.3111, 69.8363
YIQ	102.2410, -71.4370, 22.6350

Conversions

Conversions Part 2

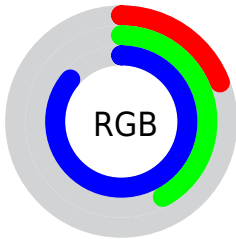
Format	Color
<code>RYB</code>	<code>48, 92, 220</code>
Decimal	<code>3173340</code>
CIELab	<code>47.38, 21.18, -63.20</code>
CIELCh	<code>47, 66.656, 288.523</code>
Yxy	<code>16.3111, 0.1838, 0.1545</code>
Android (<code>android.graphics.Color</code>)	<code>4281363420 (0xFF306BDC)</code>
YUV	<code>102.2410, 58.0552, -47.5694</code>
Hunter-Lab	<code>40.3870, 15.0432, -74.2521</code>

Details

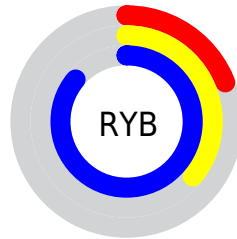
The YUV color **102.2410, 58.0552, -47.5694** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **165.7590, -58.0552, 47.5694**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.3970, 48.1183, -33.6742**, and **54.5030, 53.9820, -47.7991** is the 20% darker color. If you saturate the color by 10%, you get **87.4450, 65.3496, -53.8873**, and if you desaturate by 10%, it is **117.0370, 50.7608, -41.2514**.

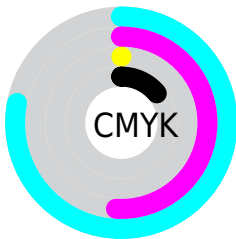
Distribution



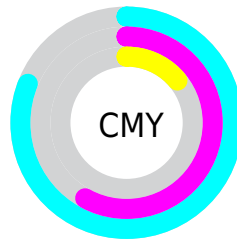
- Red (19%)
- Green (42%)
- Blue (86%)



- Red (19%)
- Yellow (36%)
- Blue (86%)



- Cyan (78%)
- Magenta (51%)
- Yellow (0%)
- Black (14%)



- Cyan (81%)
- Magenta (58%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.2410, 58.0552, -47.5694 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 102.2410, 58.0552, -47.5694 by changing the saturation by 10% instead.

■ 102.2410, 58.0552,
-47.5694

■ 102.2410, 58.0552,
-47.5694

■ 255.0000, 0.0000,
0.0000

■ 70.6090, 59.8458,
-61.9241

■ 157.3970, 48.1183,
-33.6742

■ 54.5030, 53.9820,
-47.7991

■ 182.2270, 35.8771,
-27.3861

■ 39.0980, 48.2657,
-34.2889

■ 207.6330, 23.3519,
-23.3571

■ 25.5680, 42.1180,
-22.4231

■ 233.3380, 10.6794,
-18.7134

■ 12.1520, 36.4071,
-10.6573

■ 251.1130, 1.9163,
-7.9921

■ 10.4760, 24.9083,
-9.1875

■ 6.2070, 16.1669,

-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 0.0000, 0.0000,
0.0000

■ 102.2410, 58.0552,
-47.5694

■ 102.2410, 58.0552,
-47.5694

■ 87.4450, 65.3496,
-53.8873

■ 117.0370, 50.7608,
-41.2514

■ 72.0620, 72.9334,
-59.6904

■ 132.4200, 43.1769,
-35.4483

■ 69.1050, 74.3912,
-60.6051

■ 147.2160, 35.8825,
-29.1304

■ 162.5990, 28.2987,
-23.3273

■ 177.3950, 21.0043,
-17.0094

■ 192.7780, 13.4204,
-11.2063

■ 207.5740, 6.1260,
-4.8884

■ 222.9570, -1.4578,
0.9147

■ 237.7530, -8.7522,
7.2326

Harmonies

Analogous

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



98.7970, 61.2321, -86.6450



102.2410, 58.0552, -47.5694



114.7480, 36.1132, 37.0550

Triad

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



102.2410, 58.0552, -47.5694



104.6850, -38.7917, 75.6983



89.8640, -0.9190, -78.8107

Complementary

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



102.2410, 58.0552, -47.5694



165.7590, -58.0552, 47.5694

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.



84.4600, -28.3278, -60.9164



102.2410, 58.0552, -47.5694



105.9200, -52.2186, 42.1662

Square

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



102.2410, 58.0552, -47.5694



99.7870, -9.7550, 95.7798



101.2370, -49.9098, 1.5462



97.1770, 24.5627, -85.2242

Rectangle

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



102.2410, 58.0552, -47.5694



108.5260, 22.9117, 71.4527



101.2370, -49.9098, 1.5462



86.5240, -8.6393, -75.8815

Sweetspot

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



102.2410, 58.0552, -47.5694



214.4660, 19.9833, -16.1947



161.7320, -0.8539, -99.7430



103.1480, 12.2520, -9.7768



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.



102.2410, 58.0552, -47.5694



91.0810, 80.8121, -66.7230



75.3820, 71.2967, -1.2120



102.0150, 3.9366, -2.6442



54.3550, 58.4920, -47.6693



14.6360, 15.4625, -12.8358

Inverse Universe

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



106.1540, 0.4171, 99.8429



96.2220, 0.8766, 139.2483



192.6180, -71.2967, 1.2120



102.6310, -0.3111, 6.4626



58.4530, 0.2697, 100.4577



15.5780, 0.2080, 26.6801

Previews

White Background



This preview shows how the YUV color 102.2410, 58.0552, -47.5694 looks on a white background.

Color Contrast Check

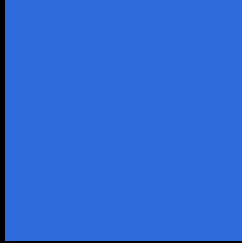
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 102.2410, 58.0552, -47.5694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

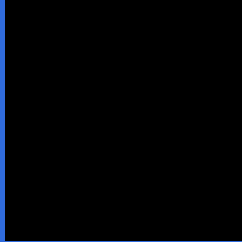
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

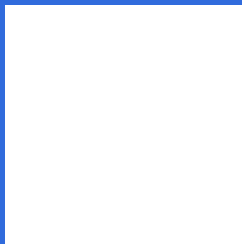
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 102.2410, 58.0552, -47.5694

Background



This preview shows how black text looks on a background with the YUV color 102.2410, 58.0552, -47.5694.



This preview shows how white text looks on a background with the YUV color 102.2410, 58.0552, -47.5694.

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

102.2410, 58.0552, -47.5694

Protanopia

100.2510, 59.5293, -53.7171

Deuteranopia

89.6040, 53.9322, -78.5827



Tritanopia

87.9500, 22.2096, -77.1321

Trichromacy



Original Color

102.2410, 58.0552, -47.5694

Protanomaly

101.1480, 59.0870, -51.8728

Deuteranomaly

93.8380, 55.7889, -67.3869

Tritanomaly

93.1590, 35.4176, -66.7914

Monochromacy



Original Color

102.2410, 58.0552, -47.5694

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.0960, 21.1517, -17.6242

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.2410, 58.0552, -47.5694 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, 107, 220)` looks like.

```
.text, #text, p{  
    color:rgb(48, 107, 220)  
}
```

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, 107, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 107, 220) }
```

Border

The CSS property to change the border of an element to YUV 102.2410, 58.0552, -47.5694 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, 107, 220) }
```


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

```
.border{ border-color:rgb(48, 107, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 107, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 107, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 107, 220);  
box-shadow:4px 4px 4px 4px rgb(48, 107,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 102.2410, 58.0552, -47.5694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 107, 220) }
```

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

```
.background{ background-color: rgb(48, 107,  
220) }
```

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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