

Converting Colors

YUV(102.8110, 60.2392,
-48.0692)

Have a look what the booklet for
YUV(102.8110, 60.2392, -48.0692)
contains.

YUV(102.8110, 60.2392, -48.0692)	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(102.8110, 60.2392,
-48.0692)**

Conversions

Conversions Part 1

Format	Color
Hex	306BE1
RGB	48, 107, 225
RGB Percent	19%, 42%, 88%
CMY	0.8118, 0.5804, 0.1176
CMYK	0.79, 0.52, 0.00, 0.12
HSL	220°, 75%, 54%
HSV	220°, 79%, 88%
XYZ	20.0672, 16.5800, 73.3768
YIQ	102.8110, -73.0420, 24.1900

Conversions

Conversions Part 2

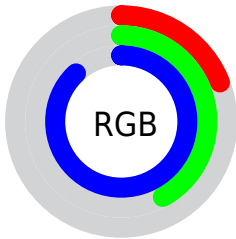
Format	Color
R _Y B	48, 92, 225
Decimal	3173345
CIE Lab	47.73, 23.05, -65.47
CIE LCh	48, 69.410, 289.391
Yxy	16.5800, 0.1824, 0.1507
Android (android.graphics.Color)	4281363425 (0xFF306BE1)
YUV	102.8110, 60.2392, -48.0692
Hunter-Lab	40.7186, 16.7122, -78.3404

Details

The YUV color **102.8110, 60.2392, -48.0692** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **170.1890, -60.2392, 48.0692**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.9950, 47.8235, -32.4446**, and **55.0730, 56.1660, -48.2990** is the 20% darker color. If you saturate the color by 10%, you get **87.4280, 67.8230, -53.8724**, and if you desaturate by 10%, it is **118.4930, 52.5080, -41.6514**.

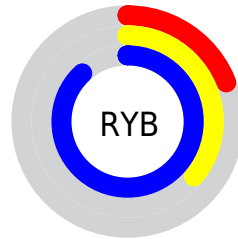
Distribution



Red (19%)

Green (42%)

Blue (88%)



Red (19%)

Yellow (36%)

Blue (88%)

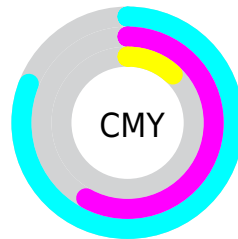


Cyan (79%)

Magenta (52%)

Yellow (0%)

Black (12%)



Cyan (81%)

Magenta (58%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.8110, 60.2392, -48.0692 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 102.8110, 60.2392, -48.0692 by changing the saturation by 10% instead.

■ 102.8110, 60.2392,
-48.0692

■ 102.8110, 60.2392,
-48.0692

■ 255.0000, 0.0000,
0.0000

■ 71.1790, 62.0298,
-62.4240

■ 157.9950, 47.8235,
-32.4446

■ 55.0730, 56.1660,
-48.2990

■ 182.5260, 35.7297,
-26.7713

■ 39.6680, 50.4497,
-34.7888

■ 208.2310, 23.0571,
-22.1276

■ 26.6110, 43.5758,
-23.3378

■ 233.6370, 10.5320,
-18.0986

■ 12.0210, 38.4436,
-10.5424

■ 251.7110, 1.6215,
-6.7625

■ 11.5190, 26.3661,
-10.1022

■ 6.5490, 17.4773,

-5.7435

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 102.8110, 60.2392,
-48.0692

■ 102.8110, 60.2392,
-48.0692

■ 87.4280, 67.8230,
-53.8724

■ 118.4930, 52.5080,
-41.6514

■ 71.7460, 75.5542,
-60.2902

■ 133.8760, 44.9241,
-35.8483

■ 69.6750, 76.5752,
-61.1050

■ 149.5580, 37.1929,
-29.4304

■ 164.9410, 29.6091,
-23.6273

■ 180.6230, 21.8779,
-17.2094

■ 196.0060, 14.2940,
-11.4063

■ 211.6880, 6.5628,
-4.9884

■ 227.0710, -1.0210,
0.8147

■ 242.7530, -8.7522,
7.2326

Harmonies

Analogous

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



100.6550, 63.2741, -88.2744



102.8110, 60.2392, -48.0692



114.9980, 36.9760, 40.3438

Triad

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



102.8110, 60.2392, -48.0692



104.3110, -41.5653, 78.6573



90.6790, -0.3347, -79.5255

Complementary

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



102.8110, 60.2392, -48.0692



170.1890, -60.2392, 48.0692

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.



80.3340, -27.2797, -70.4529



102.8110, 60.2392, -48.0692



106.8060, -52.6554, 42.2661

Square

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



102.8110, 60.2392, -48.0692



98.7060, -10.2081, 101.1128



102.1120, -50.3412, -0.0982



98.8070, 25.7311, -86.6537

Rectangle

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



102.8110, 60.2392, -48.0692



107.2000, 24.0584, 77.0006



102.1120, -50.3412, -0.0982



87.6980, -9.2181, -76.9111

Sweetspot

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



102.8110, 60.2392, -48.0692



212.6940, 20.8569, -16.3946



165.3510, 0.3200, -102.9168



102.2620, 12.6888, -9.8768



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.



102.8110, 60.2392, -48.0692



89.3200, 81.6802, -65.1786



76.8490, 73.0384, 0.1324



104.6020, 3.6472, -3.1590



54.6970, 59.8024, -47.9693



14.8640, 16.3360, -13.0357

Inverse Universe

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



107.6490, -0.3200, 102.9168



95.8800, -0.4338, 139.5482



195.8520, -72.8910, -0.7472



104.7450, 0.1257, 6.3626



59.3500, -0.1725, 102.3021



16.1760, -0.0868, 27.9096

Previews

White Background



This preview shows how the YUV color 102.8110, 60.2392, -48.0692 looks on a white background.

Color Contrast Check

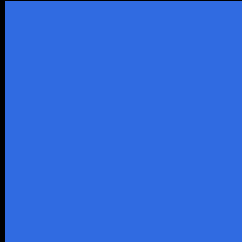
Large Text (above 18pt) WCAG AA ✓ Pass

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 102.8110, 60.2392, -48.0692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

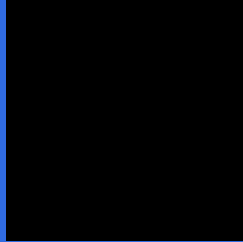
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.8110, 60.2392, -48.0692

Background



This preview shows how black text looks on a background with the YUV color 102.8110, 60.2392, -48.0692.



This preview shows how white text looks on a background with the YUV color 102.8110, 60.2392, -48.0692.

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

102.8110, 60.2392, -48.0692

Protanopia

97.9450, 63.6241, -60.4648

Deuteranopia

90.3050, 54.0796, -79.1975



Tritanopia

88.6510, 22.3571, -77.7469

Trichromacy



Original Color

102.8110, 60.2392, -48.0692

Protanomaly

99.9240, 62.1555, -56.0613

Deuteranomaly

94.6530, 56.3731, -68.1017

Tritanomaly

93.3870, 36.2912, -66.9914

Monochromacy



Original Color

102.8110, 60.2392, -48.0692

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.6230, 21.8779, -17.2094

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.8110, 60.2392, -48.0692 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(48, 107, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 107, 225) }
```

Border

The CSS property to change the border of an element to YUV 102.8110, 60.2392, -48.0692 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, 225) }
```


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

```
.border{ border-color:rgb(48, 107, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 107, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 107, 225);  
box-shadow:4px 4px 4px 4px rgb(48, 107,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 102.8110, 60.2392, -48.0692 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, 225) }
```

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

```
.background{ background-color: rgb(48, 107,  
225) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor