

Converting Colors

YUV(118.1370, -27.6755,
56.8849)

Have a look what the booklet for
YUV(118.1370, -27.6755, 56.8849)
contains.

YUV(118.1370, -27.6755, 56.8849)	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(118.1370, -27.6755,
56.8849)**

Conversions

Conversions Part 1

Format	Color
Hex	B7603E
RGB	183, 96, 62
RGB Percent	72%, 38%, 24%
CMY	0.2824, 0.6235, 0.7569
CMYK	0.00, 0.48, 0.66, 0.28
HSL	17°, 49%, 48%
HSV	17°, 66%, 72%
XYZ	24.5808, 18.7808, 6.8869
YIQ	118.1370, 62.7660, 7.8700

Conversions

Conversions Part 2

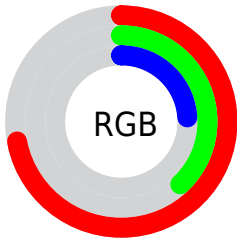
Format	Color
RYB	183, 109, 62
Decimal	12017726
CIELab	50.43, 32.22, 34.85
CIElCh	50, 47.462, 47.241
Yxy	18.7808, 0.4892, 0.3738
Android (android.graphics.Color)	4290207806 (0xFFB7603E)
YUV	118.1370, -27.6755, 56.8849
Hunter-Lab	43.3368, 25.4063, 20.9136

Details

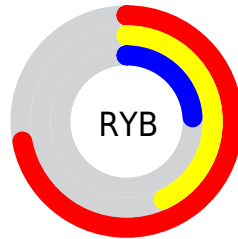
The YUV color **118.1370, -27.6755, 56.8849** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **126.8630, 27.6755, -56.8849**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.1870, -30.1652, 62.1030**, and **66.9020, -24.6017, 50.9519** is the 20% darker color. If you saturate the color by 10%, you get **108.4540, -31.7758, 65.3768**, and if you desaturate by 10%, it is **127.8200, -23.5753, 48.3929**.

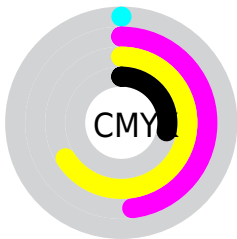
Distribution



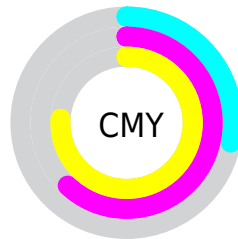
- Red (72%)
- Green (38%)
- Blue (24%)



- Red (72%)
- Yellow (43%)
- Blue (24%)



- Cyan (0%)
- Magenta (48%)
- Yellow (66%)
- Black (28%)



- Cyan (28%)
- Magenta (62%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.1370, -27.6755, 56.8849 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 118.1370, -27.6755, 56.8849 by changing the saturation by 10% instead.

■ 118.1370,
-27.6755, 56.8849

■ 118.1370,
-27.6755, 56.8849

■ 255.0000, 0.0000,
0.0000

■ 92.1690, -26.2123,
54.2258

■ 172.1870,
-30.1652, 62.1030

■ 66.9020, -24.6017,
50.9519

■ 194.4740,
-28.8277, 53.0813

■ 41.9170, -20.6651,
48.3078

■ 213.9880,
-25.1371, 35.9675

■ 20.6310, -10.1711,
42.4196

■ 233.5020,
-21.4465, 18.8537

■ 13.5690, -6.1965,
27.5650

■ 250.7820,
-16.1615, 3.6992

■ 0.0000, 0.0000,
0.0000

■ 254.0880, -3.4944,

0.7998

■ 118.1370,
-27.6755, 56.8849

■ 118.1370,
-27.6755, 56.8849

■ 108.4540,
-31.7758, 65.3768

■ 127.8200,
-23.5753, 48.3929

■ 98.6570, -36.3129,
73.9688

■ 137.6170,
-19.0382, 39.8009

■ 88.9740, -40.4132,
82.4608

■ 147.3000,
-14.9379, 31.3089

■ 84.6540, -41.7344,
86.2494

■ 157.5700,
-11.1270, 22.3021

■ 167.3670, -6.5899,
13.7101

■ 177.0500, -2.4897,
5.2181

■ 186.7330, 1.6106,
-3.2738

■ 196.4160, 5.7109,
-11.7658

■ 206.2130, 10.2480,
-20.3578

Harmonies

Analogous

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



118.4860, -10.0996, 66.2258



118.1370, -27.6755, 56.8849



116.6060, -39.2458, 34.5485

Triad

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



118.1370, -27.6755, 56.8849



93.1070, 3.8912, -81.6548



117.4600, 39.2132, -24.0824

Complementary

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



118.1370, -27.6755, 56.8849



126.8630, 27.6755, -56.8849

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.



98.4090, 49.5914, -86.3047



118.1370, -27.6755, 56.8849



98.4820, 21.9474, -86.3687

Square

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



118.1370, -27.6755, 56.8849



107.2540, -22.3102, -30.9178



100.8250, 38.5403, -88.4235



123.5110, 25.3841, 24.9849

Rectangle

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



118.1370, -27.6755, 56.8849



114.5560, -40.2071, 16.1754



100.8250, 38.5403, -88.4235



110.8700, 43.9411, -47.2440

Sweetspot

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



118.1370, -27.6755, 56.8849



211.6840, -10.6902, 22.2021



108.3250, 21.0388, 65.4900



104.3670, -6.5899, 13.7101



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



118.1370, -27.6755, 56.8849



136.4370, -42.6134, 88.1938



152.7700, -44.7496, 26.5117



86.8650, -1.9054, 4.5034



72.4720, -35.7287, 73.2541



13.0680, -6.4425, 13.0954

Inverse Universe

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



126.8630, 27.6755, -56.8849



150.5630, 42.6134, -88.1938



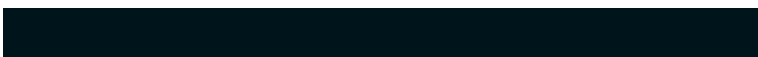
92.2300, 44.7496, -26.5117



87.5480, 2.1948, -3.9886



83.5280, 35.7287, -73.2541



14.9320, 6.4425, -13.0954

Previews

White Background



This preview shows how the YUV color 118.1370, -27.6755, 56.8849 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 118.1370, -27.6755, 56.8849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

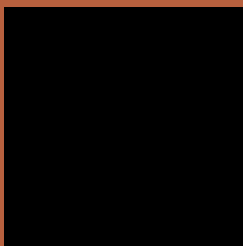
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.1370, -27.6755, 56.8849

Background



This preview shows how black text looks on a background with the YUV color 118.1370, -27.6755, 56.8849.



This preview shows how white text looks on a background with the YUV color 118.1370, -27.6755,

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

118.1370, -27.6755, 56.8849

Protanopia

118.5890, -23.4614, 11.7614

Deuteranopia

118.6680, -29.9093, 26.6012



Tritanopia

120.4910, -11.0881, 56.5744

Trichromacy



Original Color

118.1370, -27.6755, 56.8849

Protanomaly

118.6450, -24.9680, 28.3753

Deuteranomaly

118.2610, -29.2157, 37.4821

Tritanomaly

119.2970, -16.9084, 56.7445

Monochromacy



Original Color

118.1370, -27.6755, 56.8849

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.2000, -9.9586, 20.8726

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.1370, -27.6755, 56.8849 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(183, 96, 62)` looks like.

```
.text, #text, p{  
    color:rgb(183, 96, 62)  
}
```

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(183, 96, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 96, 62) }
```

Border

The CSS property to change the border of an element to YUV 118.1370, -27.6755, 56.8849 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(183, 96, 62) }
```


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

```
.border{ border-color:rgb(183, 96, 62) }
```

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

Here you see how a box with a 4 pixel rgb(183, 96, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 96, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 96, 62);  
box-shadow:4px 4px 4px 4px rgb(183, 96,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 118.1370, -27.6755, 56.8849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 96, 62) }
```

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

```
.background{ background-color: rgb(183, 96,  
62) }
```

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