

Converting Colors

YUV(48.0360, -17.7657,
51.7114)

Have a look what the booklet for
YUV(48.0360, -17.7657, 51.7114)
contains.

YUV(48.0360, -17.7657, 51.7114)	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(48.0360, -17.7657,
51.7114)**

Conversions

Conversions Part 1	
Format	Color
Hex	6B190C
RGB	107, 25, 12
RGB Percent	42%, 10%, 5%
CMY	0.5804, 0.9020, 0.9529
CMYK	0.00, 0.77, 0.89, 0.58
HSL	8°, 80%, 23%
HSV	8°, 89%, 42%
XYZ	6.4774, 3.8476, 0.7491
YIQ	48.0360, 53.0450, 13.3410

Conversions

Conversions Part 2

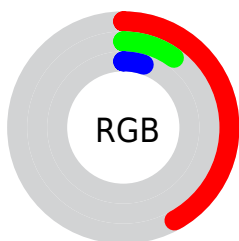
Format	Color
RYB	107, 27, 12
Decimal	7018764
CIELab	23.16, 35.43, 29.22
CIELCh	23, 45.927, 39.508
Yxy	3.8476, 0.5849, 0.3474
Android (android.graphics.Color)	4285208844 (0xFF6B190C)
YUV	48.0360, -17.7657, 51.7114
Hunter-Lab	19.6153, 24.6177, 11.4665

Details

The YUV color **48.0360, -17.7657, 51.7114** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **70.9640, 17.7657, -51.7114**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.3310, -21.8552, 56.7147**, and **15.8470, -7.8126, 32.5832** is the 20% darker color. If you saturate the color by 10%, you get **41.4990, -19.9660, 57.4444**, and if you desaturate by 10%, it is **54.5730, -15.5655, 45.9785**.

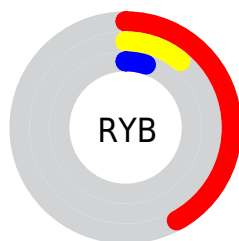
Distribution



Red (42%)

Green (10%)

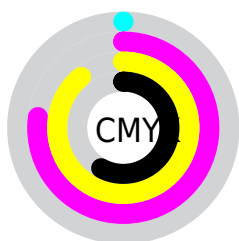
Blue (5%)



Red (42%)

Yellow (11%)

Blue (5%)

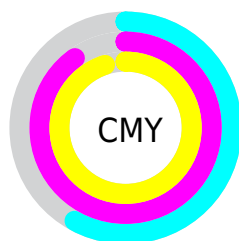


Cyan (0%)

Magenta (77%)

Yellow (89%)

Black (58%)



Cyan (58%)


Magenta (90%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the YUV color 48.0360, -17.7657, 51.7114 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 48.0360, -17.7657, 51.7114 by changing the saturation by 10% instead.


 48.0360, -17.7657,
51.7114


 48.0360, -17.7657,
51.7114


 252.9480, -7.8624,
1.7996


 23.6210, -11.6452,
48.5674


 99.3310, -21.8552,
56.7147

 15.8470, -7.8126,
32.5832

 125.7120,
-23.0290, 59.8886

 4.4850, -2.2111,
9.2217

 152.6800,
-24.4922, 62.5476


 0.0000, 0.0000,
0.0000


 180.3490,
-25.8081, 64.5919


 199.4610,
-22.4123, 48.7077


 218.9750,


-18.7217, 31.5939


 239.1900,
-14.8837, 13.8654


 48.0360, -17.7657,
51.7114


 48.0360, -17.7657,
51.7114


 41.4990, -19.9660,
57.4444


 54.5730, -15.5655,
45.9785

 40.7980, -20.1134,
58.0592

 60.9960, -13.8020,
40.3455

 68.1200, -11.8912,
34.0978

 74.6570, -9.6909,
28.3648

 81.1940, -7.4906,
22.6319

■ 87.6170, -5.7272,
16.9989

■ 94.7410, -3.8163,
10.7511

■ 101.2780, -1.6161,
5.0182

■ 107.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



41.6780, 2.1307, 63.4264



48.0360, -17.7657, 51.7114



52.1400, -25.7050, 31.4492

Triad

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



48.0360, -17.7657, 51.7114



43.2220, -7.0114, -37.9057



47.0080, 37.9571, -41.2260

Complementary

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



48.0360, -17.7657, 51.7114



70.9640, 17.7657, -51.7114

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.



51.8350, 33.6053, -45.4593



48.0360, -17.7657, 51.7114



48.6140, 8.5713, -42.6345

Square

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



48.0360, -17.7657, 51.7114



43.8360, -21.6111, -21.7812



51.6750, 22.8382, -45.3190



56.2380, 26.0117, 10.3153

Rectangle

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



48.0360, -17.7657, 51.7114



52.3290, -25.7982, 14.6205



51.6750, 22.8382, -45.3190



49.4700, 37.2363, -43.3852

Sweetspot

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



48.0360, -17.7657, 51.7114



116.8840, -7.3378, 20.2727



49.7530, 21.8138, 50.2056



57.3390, -4.1111, 11.9807



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



48.0360, -17.7657, 51.7114



53.0130, -26.1354, 76.2876



75.6250, -31.3671, 27.5159



50.3810, -1.1738, 3.1739



44.3750, -21.8769, 63.6921



92.6260, -45.6646, 133.6320

Inverse Universe

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



70.9640, 17.7657, -51.7114



86.9870, 26.1354, -76.2876



43.3750, 31.3671, -27.5159



51.6190, 1.1738, -3.1739



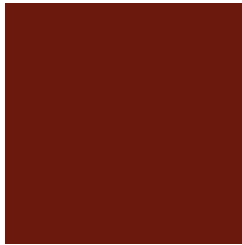
72.6250, 21.8769, -63.6921



151.7870, 45.9540, -133.1172

Previews

White Background



This preview shows how the YUV color 48.0360, -17.7657, 51.7114 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 ✓ Pass

Black Background



This preview shows how the YUV color 48.0360, -17.7657, 51.7114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 48.0360, -17.7657, 51.7114

Background



This preview shows how black text looks on a background with the YUV color 48.0360, -17.7657, 51.7114.



This preview shows how white text looks on a background with the YUV color 48.0360, -17.7657,

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

48.0360, -17.7657, 51.7114

Protanopia

54.8750, -17.1934, 8.0026

Deuteranopia

53.2260, -26.2404, 16.4648



Tritanopia

48.8170, -12.2348, 51.0265

Trichromacy



Original Color

48.0360, -17.7657, 51.7114

Protanomaly

52.2730, -17.3896, 24.3166

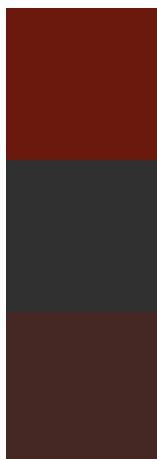
Deuteranomaly

51.1120, -23.2262, 29.7198

Tritanomaly

48.3610, -13.9820, 51.4264

Monochromacy



Original Color

48.0360, -17.7657, 51.7114

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.1010, -6.4588, 18.3284

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.0360, -17.7657, 51.7114 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(107, 25, 12)` looks like.

```
.text, #text, p{  
    color:rgb(107, 25, 12)  
}
```

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(107, 25, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 25, 12) }
```

Border

The CSS property to change the border of an element to YUV 48.0360, -17.7657, 51.7114 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(107, 25, 12) }
```


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

```
.border{ border-color:rgb(107, 25, 12) }
```

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

Here you see how a box with a 4 pixel rgb(107, 25, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 25, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 25, 12);  
box-shadow:4px 4px 4px 4px rgb(107, 25,  
12) }
```

Background

The CSS property to change the background color of an element to YUV 48.0360, -17.7657, 51.7114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 25, 12) }
```

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

```
.background{ background-color: rgb(107, 25,  
12) }
```

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