

Converting Colors

YUV(48.6010, -14.5933,
60.8629)

Have a look what the booklet for
YUV(48.6010, -14.5933, 60.8629)
contains.

YUV(48.6010, -14.5933, 60.8629)	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(48.6010, -14.5933,
60.8629)**

Conversions

Conversions Part 1

Format	Color
Hex	761313
RGB	118, 19, 19
RGB Percent	46%, 7%, 7%
CMY	0.5373, 0.9255, 0.9255
CMYK	0.00, 0.84, 0.84, 0.54
HSL	0°, 72%, 27%
HSV	0°, 84%, 46%
XYZ	7.8216, 4.3643, 1.0462
YIQ	48.6010, 59.0040, 20.9880

Conversions

Conversions Part 2

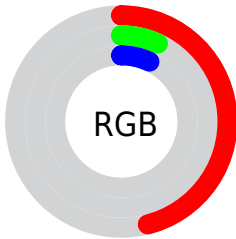
Format	Color
R_{YB}	118, 19, 19
Decimal	7738131
CIE Lab	24.84, 41.44, 27.90
CIE LCh	25, 49.957, 33.945
Yxy	4.3643, 0.5911, 0.3298
Android (android.graphics.Color)	4285928211 (0xFF761313)
YUV	48.6010, -14.5933, 60.8629
Hunter-Lab	20.8909, 30.2718, 11.6543

Details

The YUV color **48.6010, -14.5933, 60.8629** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **88.3990, 14.5933, -60.8629**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.8420, -20.1351, 65.0366**, and **18.5380, -9.1392, 38.1162** is the 20% darker color. If you saturate the color by 10%, you get **40.1890, -16.3622, 68.2402**, and if you desaturate by 10%, it is **57.0130, -12.8244, 53.4856**.

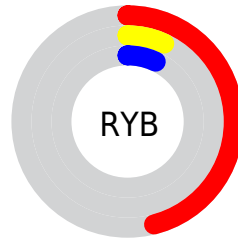
Distribution



Red (46%)

Green (7%)

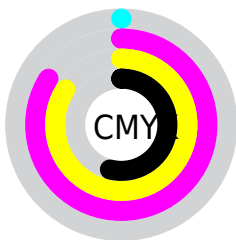
Blue (7%)



Red (46%)

Yellow (7%)

Blue (7%)

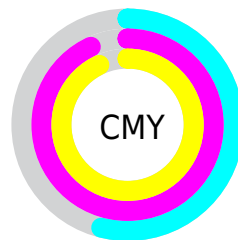


Cyan (0%)

Magenta (84%)

Yellow (84%)

Black (54%)



Cyan (54%)

Magenta (93%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.6010, -14.5933, 60.8629 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 48.6010, -14.5933, 60.8629 by changing the saturation by 10% instead.

■ 48.6010, -14.5933,
60.8629

■ 48.6010, -14.5933,
60.8629

■ 253.8600, -4.3680,
0.9998

■ 26.9100, -13.2666,
55.3299

■ 102.8420,
-20.1351, 65.0366

■ 18.5380, -9.1392,
38.1162

■ 129.6960,
-22.0351, 67.7956

■ 9.9810, -4.4276,
20.1877

■ 156.7780,
-23.0616, 70.3547


■ 0.0000, 0.0000,
0.0000


■ 180.8590,
-22.6085, 65.0217


■ 200.3730,
-18.9179, 47.9079


■ 219.8870,


-15.2273, 30.7941


 239.9880,
-11.8261, 13.1655


 48.6010, -14.5933,
60.8629


 48.6010, -14.5933,
60.8629


 40.1890, -16.3622,
68.2402


 57.0130, -12.8244,
53.4856

 35.2820, -17.3940,
72.5437

 65.4250, -11.0555,
46.1083

 73.1360, -9.4340,
39.3457

 81.5480, -7.6652,
31.9684

 89.9600, -5.8963,
24.5911

■ 98.3720, -4.1274,
17.2138

■ 106.7840, -2.3585,
9.8364

■ 114.4950, -0.7370,
3.0739

■ 122.9070, 1.0318,
-4.3034

Harmonies

Analogous

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



43.1610, 6.3296, 70.0188



48.6010, -14.5933, 60.8629



55.4290, -27.3265, 38.2118

Triad

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



48.6010, -14.5933, 60.8629



45.4730, -11.0792, -39.8798



52.3710, 40.7361, -45.9294

Complementary

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



48.6010, -14.5933, 60.8629



88.3990, 14.5933, -60.8629

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.



56.1550, 34.9266, -49.2479



48.6010, -14.5933, 60.8629



50.6200, 6.1033, -44.3937

Square

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



48.6010, -14.5933, 60.8629



48.5870, -23.9534, -17.1778



54.9520, 22.7017, -48.1929



59.1490, 30.9855, 1.6233

Rectangle

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



48.6010, -14.5933, 60.8629



56.2050, -27.7091, 20.8682



54.9520, 22.7017, -48.1929



54.1320, 39.8679, -47.4738

Sweetspot

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



48.6010, -14.5933, 60.8629



126.3620, -5.6015, 23.3615



59.8870, 28.6497, 50.9651



60.8770, -3.3904, 14.1399



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



48.6010, -14.5933, 60.8629



45.7470, -22.5533, 94.0609



77.9510, -29.0628, 35.1230



54.7940, -0.8844, 3.6887



36.4780, -17.9837, 75.0028



74.7500, -36.8518, 153.6943

Inverse Universe

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



88.3990, 14.5933, -60.8629



107.2530, 22.5533, -94.0609



59.6360, 28.7735, -35.6378



57.2060, 0.8844, -3.6887



85.5220, 17.9837, -75.0028



175.2500, 36.8518, -153.6943

Previews

White Background



This preview shows how the YUV color 48.6010, -14.5933, 60.8629 looks on a white background.

Color Contrast Check

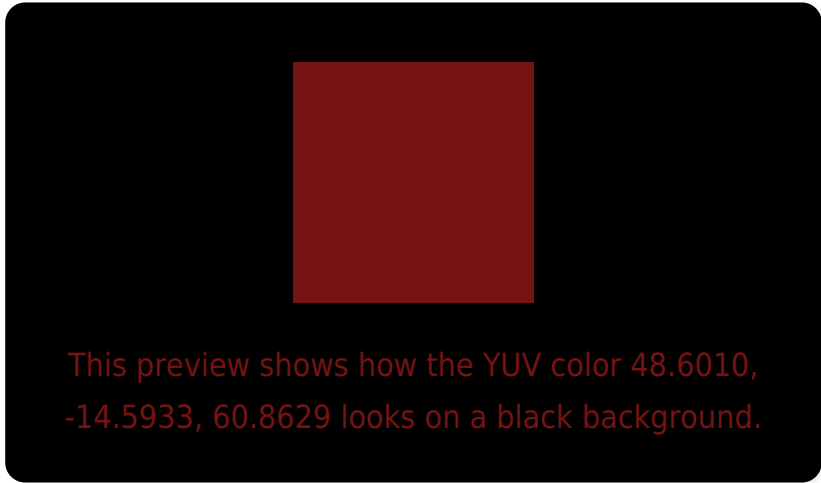
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 48.6010, -14.5933, 60.8629

Background



This preview shows how black text looks on a background with the YUV color 48.6010, -14.5933, 60.8629.

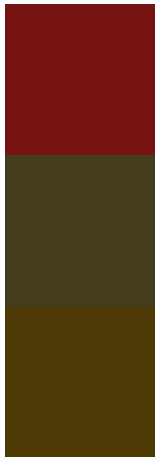


This preview shows how white text looks on a background with the YUV color 48.6010, -14.5933,

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

48.6010, -14.5933, 60.8629

Protanopia

59.4450, -15.0094, 7.5027

Deuteranopia

57.6390, -25.9510, 16.9796



Tritanopia

48.4870, -15.0301, 60.9629

Trichromacy



Original Color

48.6010, -14.5933, 60.8629

Protanomaly

55.5660, -15.0690, 26.6906

Deuteranomaly

54.4760, -21.9267, 32.9085

Tritanomaly

48.4870, -15.0301, 60.9629

Monochromacy



Original Color

48.6010, -14.5933, 60.8629

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.7640, -5.3067, 22.1320

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.6010, -14.5933, 60.8629 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(118, 19, 19)` looks like.

```
.text, #text, p{  
    color:rgb(118, 19, 19)  
}
```

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(118, 19, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 19, 19) }
```

Border

The CSS property to change the border of an element to YUV 48.6010, -14.5933, 60.8629 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(118, 19, 19) }
```


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

```
.border{ border-color:rgb(118, 19, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 19, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 19, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 19, 19);  
box-shadow:4px 4px 4px 4px rgb(118, 19,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 48.6010, -14.5933, 60.8629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 19, 19) }
```

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

```
.background{ background-color: rgb(118, 19,  
19) }
```

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