

Converting Colors

YUV(52.5420, -18.5082,
56.5297)

Have a look what the booklet for
YUV(52.5420, -18.5082, 56.5297)
contains.

YUV(52.5420, -18.5082, 56.5297)	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>	30

Color

**YUV(52.5420, -18.5082,
56.5297)**

Conversions

Conversions Part 1

Format	Color
Hex	751B0F
RGB	117, 27, 15
RGB Percent	46%, 11%, 6%
CMY	0.5412, 0.8941, 0.9412
CMYK	0.00, 0.77, 0.87, 0.54
HSL	7°, 77%, 26%
HSV	7°, 87%, 46%
XYZ	7.8143, 4.6003, 0.9280
YIQ	52.5420, 57.4920, 15.3480

Conversions

Conversions Part 2

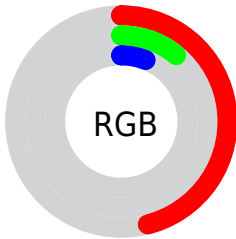
Format	Color
R_{YB}	117, 29, 15
Decimal	7674639
CIE Lab	25.56, 38.26, 30.80
CIE LCh	26, 49.117, 38.838
Yxy	4.6003, 0.5857, 0.3448
Android (android.graphics.Color)	4285864719 (0xFF751B0F)
YUV	52.5420, -18.5082, 56.5297
Hunter-Lab	21.4482, 27.4989, 12.4484

Details

The YUV color **52.5420, -18.5082, 56.5297** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **79.4580, 18.5082, -56.5297**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.7230, -23.0344, 61.6329**, and **18.2390, -8.9918, 37.5014** is the 20% darker color. If you saturate the color by 10%, you get **45.3040, -20.8559, 62.8774**, and if you desaturate by 10%, it is **59.7800, -16.1605, 50.1819**.

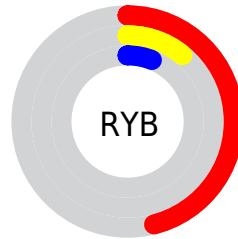
Distribution



Red (46%)

Green (11%)

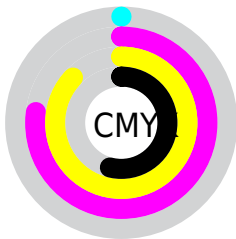
Blue (6%)



Red (46%)

Yellow (11%)

Blue (6%)

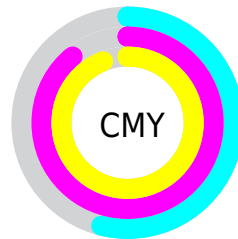


Cyan (0%)

Magenta (77%)

Yellow (87%)

Black (54%)



Cyan (54%)


Magenta (89%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the YUV color 52.5420, -18.5082, 56.5297 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 52.5420, -18.5082, 56.5297 by changing the saturation by 10% instead.


 52.5420, -18.5082,
56.5297


 52.5420, -18.5082,
56.5297


 253.4040, -6.1152,
1.3997

 26.6110, -13.1192,
54.7152

 104.7230,
-23.0344, 61.6329


 18.2390, -8.9918,
37.5014


 131.6910,
-24.4977, 64.2920

 9.9810, -4.4276,
20.1877

 158.9580,
-26.1083, 67.5658


 0.0000, 0.0000,
0.0000


 183.4520,
-25.3658, 62.7476


 202.2650,
-21.8226, 46.2486


 221.7790,


-18.1320, 29.1348


 241.9940,
-14.2940, 11.4063


 52.5420, -18.5082,
56.5297


 52.5420, -18.5082,
56.5297


 45.3040, -20.8559,
62.8774


 59.7800, -16.1605,
50.1819

 43.2010, -21.2981,
64.7217

 67.4910, -14.5391,
43.4194

 74.7290, -12.1914,
37.0717

 81.9670, -9.8437,
30.7239

 89.7920, -7.7855,
23.8614

■ 96.9160, -5.8746,
17.6137

■ 104.1540, -3.5269,
11.2659

■ 111.9790, -1.4686,
4.4034

■ 119.1030, 0.4422,
-1.8443

Harmonies

Analogous

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



44.6510, 3.1301, 69.5891



52.5420, -18.5082, 56.5297



56.8800, -28.0418, 34.3082

Triad

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



52.5420, -18.5082, 56.5297



47.6730, -7.7268, -41.8092



51.7840, 41.0255, -45.4146

Complementary

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



52.5420, -18.5082, 56.5297



79.4580, 18.5082, -56.5297

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.



57.1980, 36.3844, -50.1626



52.5420, -18.5082, 56.5297



52.7060, 9.0189, -46.2232

Square

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



52.5420, -18.5082, 56.5297



47.9560, -23.6423, -23.6404



56.8100, 24.7437, -49.8224



61.2210, 28.4850, 10.3302

Rectangle

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



52.5420, -18.5082, 56.5297



57.6560, -28.4244, 16.9647



56.8100, 24.7437, -49.8224



54.2460, 40.3047, -47.5737

Sweetspot

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



52.5420, -18.5082, 56.5297



127.8950, -7.3432, 22.0171



55.7580, 24.2763, 53.7092



61.9370, -4.4059, 13.2103



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.



52.5420, -18.5082, 56.5297



56.3130, -27.7623, 84.7945



82.4790, -33.2671, 30.2749



54.7940, -0.8844, 3.6887



44.6960, -22.0351, 67.7956



91.7730, -45.2441, 138.7651

Inverse Universe

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



79.4580, 18.5082, -56.5297



96.6870, 27.7623, -84.7945



49.5210, 33.2671, -30.2749



56.6190, 1.1738, -3.1739



77.3040, 22.0351, -67.7956



157.6400, 45.5335, -138.2503

Previews

White Background



This preview shows how the YUV color 52.5420, -18.5082, 56.5297 looks on a white background.

Color Contrast Check

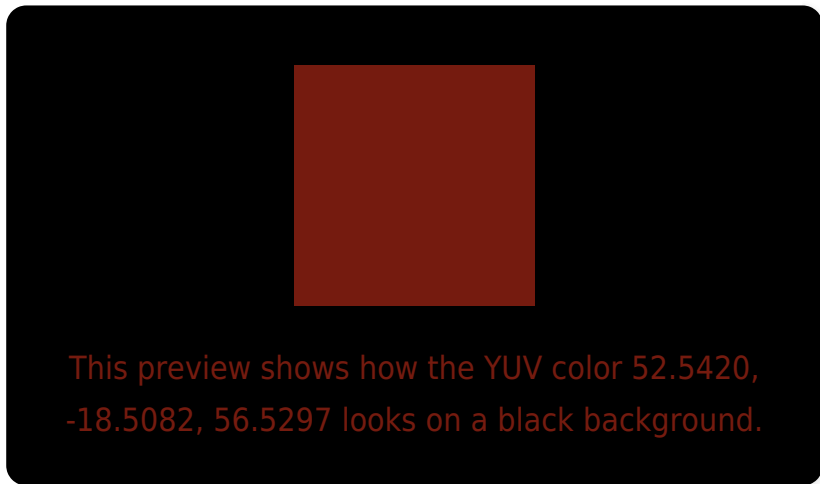
Large Text (above 18pt) WCAG AA ✓ Pass

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

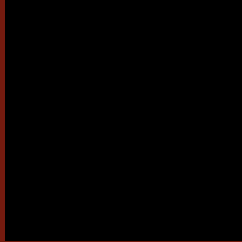
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.5420, -18.5082, 56.5297

Background



This preview shows how black text looks on a background with the YUV color 52.5420, -18.5082, 56.5297.



This preview shows how white text looks on a background with the YUV color 52.5420, -18.5082,

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

52.5420, -18.5082, 56.5297

Protanopia

60.5330, -18.5038, 8.3026

Tritanopia

53.2090, -13.4140, 55.9447

Trichromacy



Original Color

52.5420, -18.5082, 56.5297

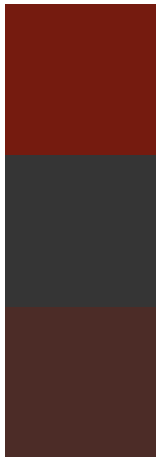
Protanomaly

57.6430, -18.5580, 25.7461

Tritanomaly

52.7530, -15.1612, 56.3446

Monochromacy



Original Color

52.5420, -18.5082, 56.5297

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

52.9980, -6.9010, 20.1728

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.5420, -18.5082, 56.5297 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(117, 27, 15)` looks like.

```
.text, #text, p{  
    color:rgb(117, 27, 15)  
}
```

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(117, 27, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 27, 15) }
```

Border

The CSS property to change the border of an element to YUV 52.5420, -18.5082, 56.5297 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(117, 27, 15) }
```

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

```
.border{ border-color:rgb(117, 27, 15) }
```

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

Here you see how a box with a 4 pixel rgb(117, 27, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 27, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 27, 15);  
box-shadow:4px 4px 4px 4px rgb(117, 27,  
15) }
```


Background

The CSS property to change the background color of an element to YUV 52.5420, -18.5082, 56.5297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 27, 15) }
```

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

```
.background{ background-color: rgb(117, 27,  
15) }
```

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