

Converting Colors

YUV(58.3350, -17.9132,
52.3262)

Have a look what the booklet for
YUV(58.3350, -17.9132, 52.3262)
contains.

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Color

**YUV(58.3350, -17.9132,
52.3262)**

Conversions

Conversions Part 1

Format	Color
Hex	762316
RGB	118, 35, 22
RGB Percent	46%, 14%, 9%
CMY	0.5373, 0.8627, 0.9137
CMYK	0.00, 0.70, 0.81, 0.54
HSL	8°, 69%, 27%
HSV	8°, 81%, 46%
XYZ	8.2171, 5.1115, 1.3126
YIQ	58.3350, 53.6410, 13.5530

Conversions

Conversions Part 2

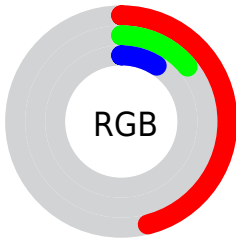
Format	Color
R_{YB}	118, 37, 22
Decimal	7742230
CIE Lab	27.05, 35.53, 28.37
CIE LCh	27, 45.461, 38.606
Yxy	5.1115, 0.5612, 0.3491
Android (android.graphics.Color)	4285932310 (0xFF762316)
YUV	58.3350, -17.9132, 52.3262
Hunter-Lab	22.6087, 25.3100, 12.3839

Details

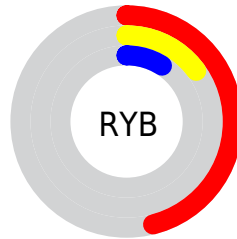
The YUV color **58.3350, -17.9132, 52.3262** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **81.6650, 17.9132, -52.3262**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.0430, -21.7132, 57.8443**, and **18.5380, -9.1392, 38.1162** is the 20% darker color. If you saturate the color by 10%, you get **51.0970, -20.2608, 58.6739**, and if you desaturate by 10%, it is **65.5730, -15.5655, 45.9785**.

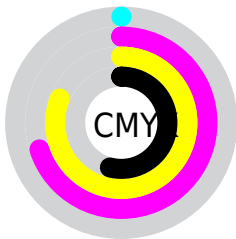
Distribution



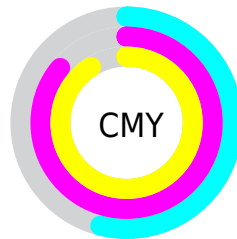
- Red (46%)
- Green (14%)
- Blue (9%)



- Red (46%)
- Yellow (15%)
- Blue (9%)



- Cyan (0%)
- Magenta (70%)
- Yellow (81%)
- Black (54%)





- Cyan (54%)
- Magenta (86%)
- Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YUV color 58.3350, -17.9132, 52.3262 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 58.3350, -17.9132, 52.3262 by changing the saturation by 10% instead.


 58.3350, -17.9132,
52.3262


 58.3350, -17.9132,
52.3262


 254.4300, -2.1840,
0.4999


 30.4320, -15.0030,
52.2411


 110.0430,
-21.7132, 57.8443

 18.5380, -9.1392,
38.1162


 136.0110,
-23.1764, 60.5034

 10.8780, -4.8699,
22.0320

 163.0930,
-24.2028, 63.0624

 0.0000, 0.0000,
0.0000

 187.8860,
-23.6078, 58.8590

 207.2860,
-20.3540, 41.8452

 226.8000,

-16.6634, 24.7314

■ 247.0150,
-12.8254, 7.0028

■ 58.3350, -17.9132,
52.3262

■ 58.3350, -17.9132,
52.3262

■ 51.0970, -20.2608,
58.6739

■ 65.5730, -15.5655,
45.9785

■ 44.6740, -22.0243,
64.3069

■ 72.8110, -13.2178,
39.6308

■ 80.5220, -11.5963,
32.8682

■ 87.7600, -9.2487,
26.5205

■ 94.9980, -6.9010,
20.1728

■ 102.2360, -4.5533,
13.8250

■ 109.4740, -2.2057,
7.4773

■ 117.1850, -0.5842,
0.7148

■ 124.4230, 1.7635,
-5.6330

Harmonies

Analogous

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



55.6730, -0.3318, 59.9228



58.3350, -17.9132, 52.3262



60.7120, -29.9310, 33.5786

Triad

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



58.3350, -17.9132, 52.3262



50.0040, -6.4110, -43.8535



53.3170, 39.2837, -46.7590

Complementary

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



58.3350, -17.9132, 52.3262



81.6650, 17.9132, -52.3262

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.



58.1440, 34.9320, -50.9923



58.3350, -17.9132, 52.3262



54.6950, 9.0244, -47.9675

Square

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



58.3350, -17.9132, 52.3262



52.4080, -25.8371, -19.6518



57.9840, 24.1649, -50.8520



65.0530, 26.5959, 9.6005

Rectangle

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



58.3350, -17.9132, 52.3262



60.6130, -29.8822, 17.8794



57.9840, 24.1649, -50.8520



55.7790, 38.5630, -48.9182

Sweetspot

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



58.3350, -17.9132, 52.3262



129.9980, -6.9010, 20.1728



60.1660, 22.1032, 50.7204



62.6380, -4.2585, 12.5955



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.



58.3350, -17.9132, 52.3262



59.5900, -27.8989, 81.9206



86.5110, -31.8039, 27.6159



55.3810, -1.1738, 3.1739



46.4570, -22.9033, 66.2512



94.7080, -46.6910, 136.1911

Inverse Universe

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



81.6650, 17.9132, -52.3262



96.4100, 27.8989, -81.9206



53.4890, 31.8039, -27.6159



56.6190, 1.1738, -3.1739



76.1300, 22.6139, -66.7660



155.2920, 46.6910, -136.1911

Previews

White Background



This preview shows how the YUV color 58.3350, -17.9132, 52.3262 looks on a white background.

Color Contrast Check

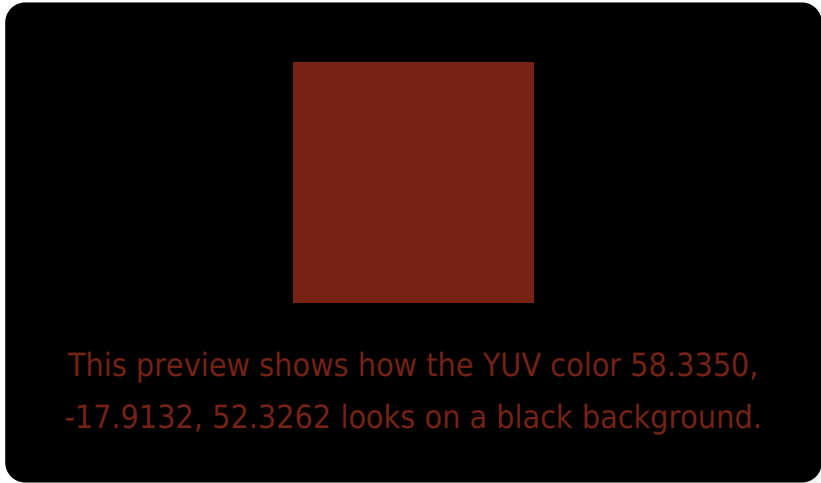
Large Text (above 18pt) WCAG AA ✓ Pass

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

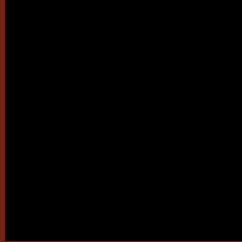
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.3350, -17.9132, 52.3262

Background



This preview shows how black text looks on a background with the YUV color 58.3350, -17.9132, 52.3262.

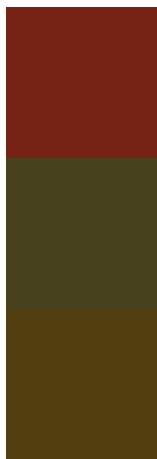


This preview shows how white text looks on a background with the YUV color 58.3350, -17.9132,

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

58.3350, -17.9132, 52.3262

Protanopia

63.1030, -16.3198, 7.8027

Deuteranopia

62.5080, -23.9144, 17.0945



Tritanopia

58.6430, -11.6560, 52.0561

Trichromacy



Original Color

58.3350, -17.9132, 52.3262

Protanomaly

61.3870, -16.9528, 24.2166

Deuteranomaly

60.8670, -21.6264, 29.9346

Tritanomaly

58.6600, -14.1294, 52.0412

Monochromacy



Original Color

58.3350, -17.9132, 52.3262

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.4000, -6.6062, 18.9432

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.3350, -17.9132, 52.3262 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, 35, 22)` looks like.

```
.text, #text, p{  
    color:rgb(118, 35, 22)  
}
```

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, 35, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 35, 22) }
```

Border

The CSS property to change the border of an element to YUV 58.3350, -17.9132, 52.3262 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, 35, 22) }
```


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

```
.border{ border-color:rgb(118, 35, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 35, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 35, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 35, 22);  
box-shadow:4px 4px 4px 4px rgb(118, 35,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 58.3350, -17.9132, 52.3262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 35, 22) }
```

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

```
.background{ background-color: rgb(118, 35,  
22) }
```

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](#).

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