

Converting Colors

YUV(58.5700, -17.5360,
71.4141)

Have a look what the booklet for
YUV(58.5700, -17.5360, 71.4141)
contains.

YUV(58.5700, -17.5360, 71.4141)	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(58.5700, -17.5360,
71.4141)**

Conversions

Conversions Part 1

Format	Color
Hex	8C1817
RGB	140, 24, 23
RGB Percent	55%, 9%, 9%
CMY	0.4510, 0.9059, 0.9098
CMYK	0.00, 0.83, 0.84, 0.45
HSL	1°, 72%, 32%
HSV	1°, 84%, 55%
XYZ	11.2965, 6.2906, 1.4294
YIQ	58.5700, 69.4570, 24.2810

Conversions

Conversions Part 2

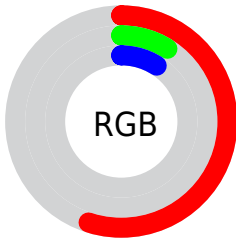
Format	Color
R_{YB}	140, 24, 23
Decimal	9181207
CIE Lab	30.13, 46.98, 32.36
CIE LCh	30, 57.046, 34.561
Yxy	6.2906, 0.5940, 0.3308
Android (android.graphics.Color)	4287371287 (0xFF8C1817)
YUV	58.5700, -17.5360, 71.4141
Hunter-Lab	25.0810, 36.5047, 14.1777

Details

The YUV color **58.5700, -17.5360, 71.4141** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **104.4300, 17.5360, -71.4141**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.3980, -23.3672, 75.0730**, and **24.2190, -11.9400, 49.7969** is the 20% darker color. If you saturate the color by 10%, you get **48.7560, -19.5997, 80.0210**, and if you desaturate by 10%, it is **68.3840, -15.4723, 62.8072**.

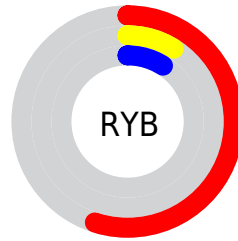
Distribution



Red (55%)

Green (9%)

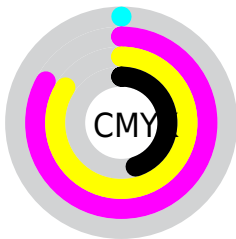
Blue (9%)



Red (55%)

Yellow (9%)

Blue (9%)

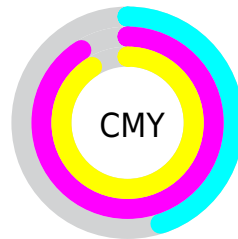


Cyan (0%)

Magenta (83%)

Yellow (84%)

Black (45%)



Cyan (45%)

Magenta (91%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.5700, -17.5360, 71.4141 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 58.5700, -17.5360, 71.4141 by changing the saturation by 10% instead.

■ 58.5700, -17.5360,
71.4141

■ 58.5700, -17.5360,
71.4141

■ 254.6580, -1.3104,
0.2999

■ 33.1890, -16.3622,
68.2402

■ 114.3980,
-23.3672, 75.0730

■ 24.2190, -11.9400,
49.7969

■ 142.2520,
-25.2672, 77.8320

■ 16.6730, -7.2338,
33.6128

■ 168.0130,
-26.1354, 76.2876

■ 3.5880, -1.7689,
7.3773

■ 186.8260,
-22.5922, 59.7886

■ 0.0000, 0.0000,
0.0000

■ 206.3400,
-18.9016, 42.6748

■ 226.4410,

-15.5004, 25.0462

■ 246.6560,
-11.6624, 7.3177

■ 58.5700, -17.5360,
71.4141

■ 58.5700, -17.5360,
71.4141

■ 48.7560, -19.5997,
80.0210

■ 68.3840, -15.4723,
62.8072

■ 42.4470, -20.9264,
85.5540

■ 78.1980, -13.4086,
54.2004

■ 88.0120, -11.3449,
45.5935

■ 97.8260, -9.2812,
36.9866

■ 107.0530, -6.9281,
28.8945

■ 116.8670, -4.8644,
20.2876

■ 126.6810, -2.8007,
11.6808

■ 136.4950, -0.7370,
3.0739

■ 146.3090, 1.3267,
-5.5330

Harmonies

Analogous

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



51.1780, 7.3072, 83.1589



58.5700, -17.5360, 71.4141



66.0940, -32.5843, 44.6446

Triad

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



58.5700, -17.5360, 71.4141



54.3750, -12.5099, -47.6869



62.3790, 48.6202, -54.7064

Complementary

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



58.5700, -17.5360, 71.4141



104.4300, 17.5360, -71.4141

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.



67.2230, 41.7951, -58.9546



58.5700, -17.5360, 71.4141



61.0210, 7.8776, -53.5154

Square

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



58.5700, -17.5360, 71.4141



58.0010, -28.5945, -21.9259



66.0370, 27.0968, -57.9144



71.2400, 36.3637, 3.2975

Rectangle

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



58.5700, -17.5360, 71.4141



67.1470, -33.1035, 24.4271



66.0370, 27.0968, -57.9144



64.7270, 47.4626, -56.7656

Sweetspot

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



58.5700, -17.5360, 71.4141



149.4550, -6.6333, 27.6650



71.3210, 33.8587, 60.2315



72.3720, -4.1274, 17.2138



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



58.5700, -17.5360, 71.4141



55.2930, -27.2594, 110.2450



92.6160, -34.3207, 41.5558



64.0930, -1.0318, 4.3034



40.3540, -19.8945, 81.2505



1.4950, -0.7370, 3.0739

Inverse Universe

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



104.4300, 17.5360, -71.4141



126.2940, 26.9701, -110.7598



70.9710, 34.0313, -42.0706



66.9070, 1.0318, -4.3034



92.0590, 20.1839, -80.7357



3.5050, 0.7370, -3.0739

Previews

White Background



This preview shows how the YUV color 58.5700, -17.5360, 71.4141 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

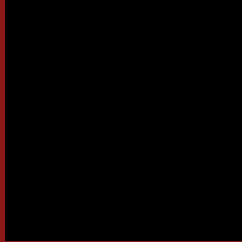
Any Text WCAG AA × Fail

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 58.5700, -17.5360, 71.4141 Background



This preview shows how black text looks on a background with the YUV color 58.5700, -17.5360, 71.4141.



This preview shows how white text looks on a background with the YUV color 58.5700, -17.5360,

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

58.5700, -17.5360, 71.4141

Protanopia

71.0600, -17.7776, 8.7174

Deuteranopia

68.9230, -30.0350, 20.2385



Tritanopia

58.5700, -17.5360, 71.4141

Trichromacy



Original Color

58.5700, -17.5360, 71.4141

Protanomaly

66.3170, -17.4113, 31.2940

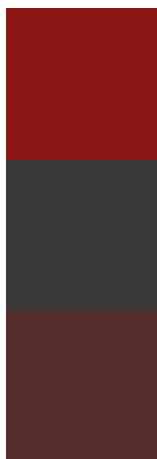
Deuteranomaly

65.1840, -25.7267, 38.4266

Tritanomaly

58.5700, -17.5360, 71.4141

Monochromacy



Original Color

58.5700, -17.5360, 71.4141

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.5580, -6.1911, 25.8206

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.5700, -17.5360, 71.4141 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(140, 24, 23)` looks like.

```
.text, #text, p{  
    color:rgb(140, 24, 23)  
}
```

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(140, 24, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 24, 23) }
```

Border

The CSS property to change the border of an element to YUV 58.5700, -17.5360, 71.4141 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(140, 24, 23) }
```


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

```
.border{ border-color:rgb(140, 24, 23) }
```

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

Here you see how a box with a 4 pixel rgb(140, 24, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 24, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 24, 23);  
box-shadow:4px 4px 4px 4px rgb(140, 24,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 58.5700, -17.5360, 71.4141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 24, 23) }
```

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

```
.background{ background-color: rgb(140, 24,  
23) }
```

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