

Converting Colors

YUV(45.5700, -17.5360,
71.4141)

Have a look what the booklet for
YUV(45.5700, -17.5360, 71.4141)
contains.

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Color

**YUV(45.5700, -17.5360,
71.4141)**

Conversions

Conversions Part 1

Format	Color
Hex	7F0B0A
RGB	127, 11, 10
RGB Percent	50%, 4%, 4%
CMY	0.5020, 0.9569, 0.9608
CMYK	0.00, 0.91, 0.92, 0.50
HSL	1°, 85%, 27%
HSV	1°, 92%, 50%
XYZ	8.9269, 4.7733, 0.7380
YIQ	45.5700, 69.4570, 24.2810

Conversions

Conversions Part 2

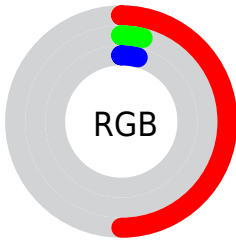
Format	Color
RYB	127, 11, 10
Decimal	8325898
CIELab	26.08, 45.90, 34.41
CIElCh	26, 57.367, 36.854
Yxy	4.7733, 0.6183, 0.3306
Android (android.graphics.Color)	4286515978 (0xFF7F0B0A)
YUV	45.5700, -17.5360, 71.4141
Hunter-Lab	21.8478, 34.6999, 13.2907

Details

The YUV color **45.5700, -17.5360, 71.4141** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **91.4300, 17.5360, -71.4141**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.7460, -24.5248, 73.0138**, and **20.6310, -10.1711, 42.4196** is the 20% darker color. If you saturate the color by 10%, you get **38.5600, -19.0101, 77.5619**, and if you desaturate by 10%, it is **54.6830, -15.6197, 63.4220**.

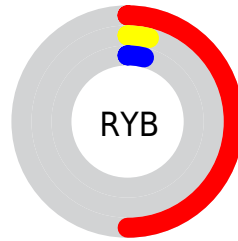
Distribution



Red (50%)

Green (4%)

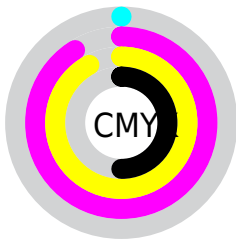
Blue (4%)



Red (50%)

Yellow (4%)

Blue (4%)

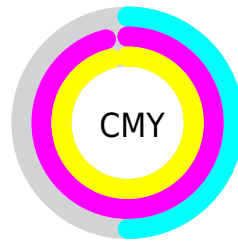


Cyan (0%)

Magenta (91%)

Yellow (92%)

Black (50%)



Cyan (50%)

Magenta (96%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.5700, -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 45.5700, -17.5360, 71.4141 by changing the saturation by 10% instead.

45.5700, -17.5360,
71.4141

45.5700, -17.5360,
71.4141

252.8340, -8.2992,
1.8996

29.3020, -14.4459,
60.2481

103.7460,
-24.5248, 73.0138

20.6310, -10.1711,
42.4196

130.8990,
-26.5722, 76.3876

12.6720, -5.7543,
25.7207

158.8670,
-28.0354, 79.0466


0.0000, 0.0000,
0.0000


179.3600,
-25.8135, 66.3363


198.7600,
-22.5597, 49.3225


218.2740,


-18.8691, 32.2087


 238.3750,
-15.4679, 14.5801


 45.5700, -17.5360,
71.4141


 45.5700, -17.5360,
71.4141


 38.5600, -19.0101,
77.5619

 54.6830, -15.6197,
63.4220

 63.0950, -13.8508,
56.0447

 72.2080, -11.9345,
48.0526

 80.7340, -9.7289,
40.5753

 89.8470, -7.8126,
32.5832

■ 98.8460, -6.3331,
24.6911

■ 107.3720, -4.1274,
17.2138

■ 116.4850, -2.2111,
9.2217

■ 124.8970, -0.4422,
1.8443

Harmonies

Analogous

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



46.5210, 3.6871, 77.5961



45.5700, -17.5360, 71.4141



57.7990, -28.4949, 39.6413

Triad

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



45.5700, -17.5360, 71.4141



47.9350, -11.8000, -42.0390



55.2550, 46.7093, -48.4586

Complementary

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



45.5700, -17.5360, 71.4141



91.4300, 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.



60.3270, 40.7578, -52.9068



45.5700, -17.5360, 71.4141



54.4670, 8.1508, -47.7676

Square

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



45.5700, -17.5360, 71.4141



47.3360, -23.3366, -28.3587



59.3690, 26.9331, -52.0666



61.9200, 35.0424, 7.0862

Rectangle

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



45.5700, -17.5360, 71.4141



58.8520, -29.0140, 19.4238



59.3690, 26.9331, -52.0666



57.7170, 45.9885, -50.6178

Sweetspot

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



45.5700, -17.5360, 71.4141



133.6400, -7.2175, 28.3797



58.3210, 33.8587, 60.2315



64.3720, -4.1274, 17.2138



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



45.5700, -17.5360, 71.4141



50.2210, -24.7590, 101.5382



79.6160, -34.3207, 41.5558



59.0930, -1.0318, 4.3034



38.8590, -19.1575, 78.1767



0.0000, 0.0000, 0.0000

Inverse Universe

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



91.4300, 17.5360, -71.4141



115.1920, 25.0483, -101.0234



57.9710, 34.0313, -42.0706



61.9070, 1.0318, -4.3034



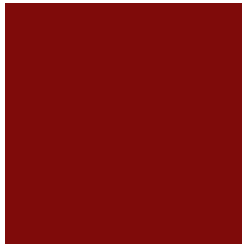
88.5540, 19.4469, -77.6619



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 45.5700, -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 45.5700, -17.5360, 71.4141

Background



This preview shows how black text looks on a background with the YUV color 45.5700, -17.5360, 71.4141.



This preview shows how white text looks on a background with the YUV color 45.5700, -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

45.5700, -17.5360, 71.4141

Protanopia

62.0770, -20.2510, 8.7025

Deuteranopia

60.0260, -29.5928, 18.3942



Tritanopia

45.4730, -20.4462, 71.4992

Trichromacy



Original Color

45.5700, -17.5360, 71.4141

Protanomaly

55.8610, -19.1585, 31.6939

Deuteranomaly

54.9990, -25.1425, 37.7119

Tritanomaly

45.7010, -19.5726, 71.2992

Monochromacy



Original Color

45.5700, -17.5360, 71.4141

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.5580, -6.1911, 25.8206

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.5700, -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(127, 11, 10)` looks like.

```
.text, #text, p{  
    color:rgb(127, 11, 10)  
}
```

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(127, 11, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 11, 10) }
```

Border

The CSS property to change the border of an element to YUV 45.5700, -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(127, 11, 10) }
```


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

```
.border{ border-color:rgb(127, 11, 10) }
```

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

Here you see how a box with a 4 pixel rgb(127, 11, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 11, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 11, 10);  
box-shadow:4px 4px 4px 4px rgb(127, 11,  
10) }
```

Background

The CSS property to change the background color of an element to YUV 45.5700, -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(127, 11, 10) }
```

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

```
.background{ background-color: rgb(127, 11,  
10) }
```

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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