

Converting Colors

YUV(45.3030, 0.8366, 58.4933)

Have a look what the booklet for
YUV(45.3030, 0.8366, 58.4933)
contains.

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Color

**YUV(45.3030, 0.8366,
58.4933)**

Conversions

Conversions Part 1

Format	Color
Hex	700B2F
RGB	112, 11, 47
RGB Percent	44%, 4%, 18%
CMY	0.5608, 0.9569, 0.8157
CMYK	0.00, 0.90, 0.58, 0.56
HSL	339°, 82%, 24%
HSV	339°, 90%, 44%
XYZ	7.3149, 3.8893, 3.0545
YIQ	45.3030, 48.6400, 32.6080

Conversions

Conversions Part 2

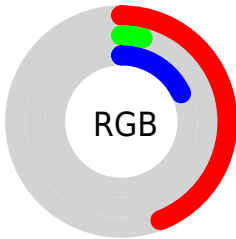
Format	Color
R_{YB}	112, 11, 47
Decimal	7342895
CIE Lab	23.30, 43.27, 6.99
CIE LCh	23, 43.835, 9.178
Yxy	3.8893, 0.5130, 0.2728
Android (android.graphics.Color)	4285532975 (0xFF700B2F)
YUV	45.3030, 0.8366, 58.4933
Hunter-Lab	19.7214, 31.6950, 4.6220

Details

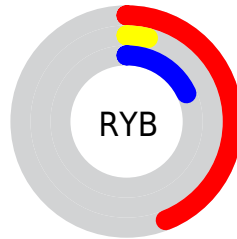
The YUV color **45.3030, 0.8366, 58.4933** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **77.6970, -0.8366, -58.4933**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.3370, -4.1101, 58.4635**, and **17.6410, -8.6970, 36.2718** is the 20% darker color. If you saturate the color by 10%, you get **38.0480, 0.9623, 64.8559**, and if you desaturate by 10%, it is **52.5580, 0.7109, 52.1306**.

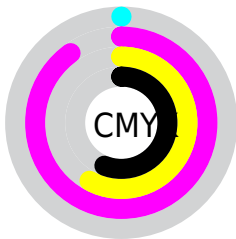
Distribution



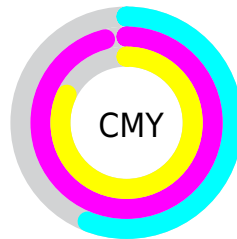
- Red (44%)
- Green (4%)
- Blue (18%)



- Red (44%)
- Yellow (4%)
- Blue (18%)



- Cyan (0%)
- Magenta (90%)
- Yellow (58%)
- Black (56%)



- Cyan (56%)
- Magenta (96%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.3030, 0.8366, 58.4933 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 45.3030, 0.8366, 58.4933 by changing the saturation by 10% instead.

■ 45.3030, 0.8366,
58.4933

■ 45.3030, 0.8366,
58.4933

255.0000, 0.0000,
0.0000

■ 28.4930, -0.7360,
49.5566

■ 101.3370, -4.1101,
58.4635

■ 17.6410, -8.6970,
36.2718

■ 128.0060, -5.4260,
60.5077

■ 8.4860, -3.6906,
17.1138

■ 155.2020, -6.0156,
62.9668


■ 0.0000, 0.0000,
0.0000


■ 182.3870, -6.5998,
63.6816


■ 201.3140, -2.6198,
47.0826


■ 220.9420, 1.5076,

29.8689

 241.2710, 5.7824,
12.0403


 45.3030, 0.8366,
58.4933

 45.3030, 0.8366,
58.4933

 38.0480, 0.9623,
64.8559

 52.5580, 0.7109,
52.1306

 59.8130, 0.5852,
45.7680

 67.7690, 0.6069,
38.7906

 75.0240, 0.4812,
32.4280

 82.2790, 0.3555,
26.0653

■ 89.5340, 0.2297,
19.7027

■ 96.7890, 0.1040,
13.3400

■ 104.7450, 0.1257,
6.3626

■ 112.0000, 0.0000,
0.0000

Harmonies

Analogous

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



51.6460, 13.9785, 43.2835



45.3030, 0.8366, 58.4933



49.8400, -17.1761, 49.2523

Triad

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



45.3030, 0.8366, 58.4933



44.7330, -22.0534, -19.9368



51.4930, 32.2950, -45.1594

Complementary

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



45.3030, 0.8366, 58.4933



77.6970, -0.8366, -58.4933

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.



51.4470, 21.9646, -45.1190



45.3030, 0.8366, 58.4933



43.4500, -6.1378, -38.1056

Square

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



45.3030, 0.8366, 58.4933



51.3990, -25.3397, 7.5431



48.5000, 8.1345, -42.5345



47.2530, 36.3573, -41.4409

Rectangle

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



45.3030, 0.8366, 58.4933



51.8850, -25.5793, 37.8119



48.5000, 8.1345, -42.5345



52.0970, 29.5322, -45.6891

Sweetspot

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



45.3030, 0.8366, 58.4933



119.2570, 0.3663, 22.5766



41.6500, 34.6825, 29.2479



58.2020, 0.3934, 13.8548



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



45.3030, 0.8366, 58.4933



49.2830, 1.3395, 83.9438



48.8300, -18.6502, 55.4001



52.0220, -0.0108, 3.4887



40.7820, 1.0935, 69.4742



83.8850, 2.0287, 143.0519

Inverse Universe

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



45.3030, 0.8366, 58.4933



49.2830, 1.3395, 83.9438



74.1700, 18.6502, -55.4001



52.0220, -0.0108, 3.4887



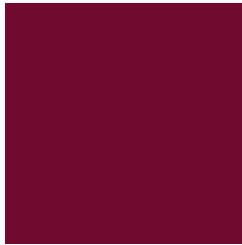
40.7820, 1.0935, 69.4742



83.8850, 2.0287, 143.0519

Previews

White Background



This preview shows how the YUV color 45.3030, 0.8366, 58.4933 looks on a white background.

Color Contrast Check

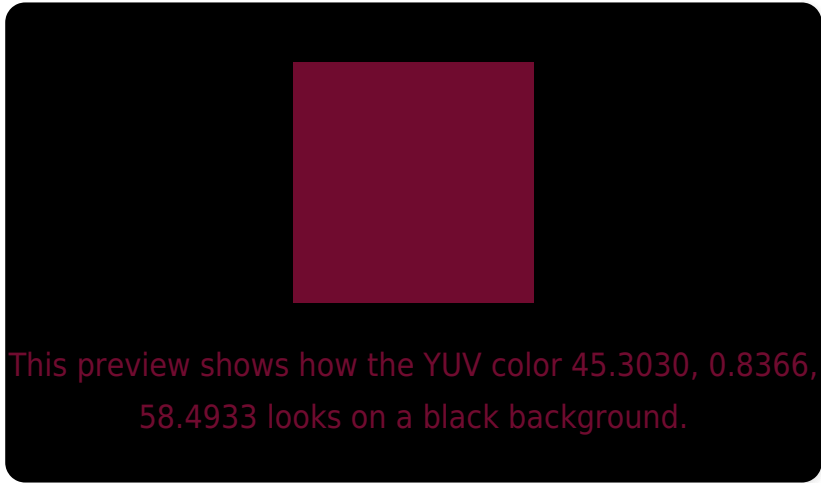
Large Text (above 18pt) WCAG AA ✓ Pass

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

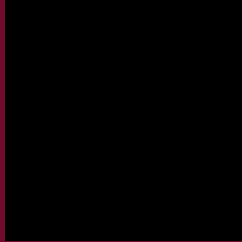
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.3030, 0.8366, 58.4933

Background



This preview shows how black text looks on a background with the YUV color 45.3030, 0.8366, 58.4933.



This preview shows how white text looks on a background with the YUV color 45.3030, 0.8366,

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

45.3030, 0.8366, 58.4933

Protanopia

58.4280, 4.2260, -2.1294

Deuteranopia

58.2910, -8.0315, 9.3918



Tritanopia

47.9100, -13.2666, 55.3299

Trichromacy



Original Color

45.3030, 0.8366, 58.4933

Protanomaly

53.6310, 3.1399, 19.6176

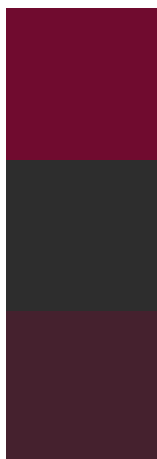
Deuteranomaly

53.9110, -4.8861, 27.2651

Tritanomaly

46.5880, -8.1779, 56.4893

Monochromacy



Original Color

45.3030, 0.8366, 58.4933

Achromatopsia

45.0000, 0.0000, 0.0000

Achromatomaly

45.2460, 0.3717, 20.8323

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.3030, 0.8366, 58.4933 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(112, 11, 47)` looks like.

```
.text, #text, p{  
    color:rgb(112, 11, 47)  
}
```

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(112, 11, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 11, 47) }
```

Border

The CSS property to change the border of an element to YUV 45.3030, 0.8366, 58.4933 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(112, 11, 47) }
```


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

```
.border{ border-color:rgb(112, 11, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 11, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 11, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 11, 47);  
box-shadow:4px 4px 4px 4px rgb(112, 11,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 45.3030, 0.8366, 58.4933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 11, 47) }
```

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

```
.background{ background-color: rgb(112, 11,  
47) }
```

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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