

Converting Colors

YUV(45.5260, 2.6987, 67.9447)

Have a look what the booklet for
YUV(45.5260, 2.6987, 67.9447)
contains.

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Color

**YUV(45.5260, 2.6987,
67.9447)**

Conversions

Conversions Part 1

Format	Color
Hex	7B0533
RGB	123, 5, 51
RGB Percent	48%, 2%, 20%
CMY	0.5176, 0.9804, 0.8000
CMYK	0.00, 0.96, 0.59, 0.52
HSL	337°, 92%, 25%
HSV	337°, 96%, 48%
XYZ	8.8202, 4.5585, 3.5470
YIQ	45.5260, 55.5620, 39.3220

Conversions

Conversions Part 2

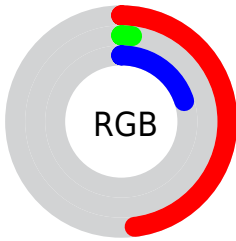
Format	Color
R_{YB}	123, 5, 51
Decimal	8062259
CIE Lab	25.44, 47.76, 7.57
CIE LCh	25, 48.353, 9.007
Yxy	4.5585, 0.5211, 0.2693
Android (android.graphics.Color)	4286252339 (0xFF7B0533)
YUV	45.5260, 2.6987, 67.9447
Hunter-Lab	21.3507, 36.3766, 5.0957

Details

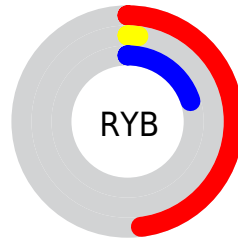
The YUV color **45.5260, 2.6987, 67.9447** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **82.4740, -2.6987, -67.9447**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.6800, -4.2792, 66.0556**, and **20.7880, -8.2765, 41.4049** is the 20% darker color. If you saturate the color by 10%, you get **42.2490, 2.8352, 70.8186**, and if you desaturate by 10%, it is **53.4820, 2.7204, 60.9673**.

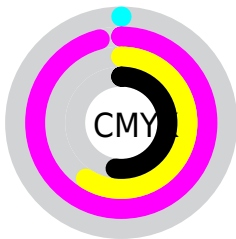
Distribution



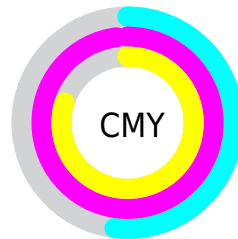
- Red (48%)
- Green (2%)
- Blue (20%)



- Red (48%)
- Yellow (2%)
- Blue (20%)



- Cyan (0%)
- Magenta (96%)
- Yellow (59%)
- Black (52%)



- Cyan (52%)
- Magenta (98%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.5260, 2.6987, 67.9447 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 45.5260, 2.6987, 67.9447 by changing the saturation by 10% instead.

45.5260, 2.6987,
67.9447

45.5260, 2.6987,
67.9447

255.0000, 0.0000,
0.0000

31.8250, -0.8997,
55.4045

105.6800, -4.2792,
66.0556

20.7880, -8.2765,
41.4049

132.4630, -5.1583,
67.9999

12.3730, -5.6069,
25.1059

160.1320, -6.4741,
70.0442

0.0000, 0.0000,
0.0000

183.5440, -4.7052,
62.6669

203.0580, -1.0146,
45.5531

222.6860, 3.1128,


28.3394


 242.6730, 6.0772,
10.8108

 45.5260, 2.6987,
67.9447


 45.5260, 2.6987,
67.9447


 42.2490, 2.8352,
70.8186

 53.4820, 2.7204,
60.9673

 61.9110, 2.0159,
53.5751

 69.8670, 2.0376,
46.5976

 77.7090, 1.6225,
39.7202

 86.2520, 1.3548,
32.2280

■ 94.0940, 0.9397,
25.3506

■ 102.0500, 0.9614,
18.3732

■ 109.8920, 0.5462,
11.4957

■ 118.4350, 0.2785,
4.0035

Harmonies

Analogous

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



54.8470, 15.8514, 49.2462



45.5260, 2.6987, 67.9447



52.8300, -18.6502, 55.4001

Triad

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



45.5260, 2.6987, 67.9447



47.6680, -23.5003, -22.5108



56.3830, 35.8002, -49.4479

Complementary

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



45.5260, 2.6987, 67.9447



82.4740, -2.6987, -67.9447

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.



56.1090, 24.5963, -49.2076



45.5260, 2.6987, 67.9447



47.0860, -7.4374, -41.2944

Square

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



45.5260, 2.6987, 67.9447



55.8290, -27.5237, 8.0430



52.7060, 9.0189, -46.2232



51.6700, 40.5887, -45.3146

Rectangle

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



45.5260, 2.6987, 67.9447



55.4510, -27.3373, 41.7005



52.7060, 9.0189, -46.2232



56.8730, 32.6006, -49.8776

Sweetspot

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



45.5260, 2.6987, 67.9447



130.1050, 0.9342, 27.0949



39.6810, 41.0763, 31.8518



62.9250, 0.5300, 16.7288



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



45.5260, 2.6987, 67.9447



55.3210, 3.7857, 92.6805



47.3260, -20.8667, 66.3661



57.0220, -0.0108, 3.4887



42.9610, 2.9772, 71.9482



86.5200, 5.6596, 145.1260

Inverse Universe

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



45.5260, 2.6987, 67.9447



55.3210, 3.7857, 92.6805



80.6740, 20.8667, -66.3661



57.0220, -0.0108, 3.4887



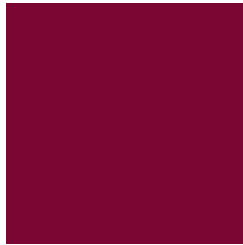
42.9610, 2.9772, 71.9482



86.5200, 5.6596, 145.1260

Previews

White Background



This preview shows how the YUV color 45.5260, 2.6987, 67.9447 looks on a white background.

Color Contrast Check

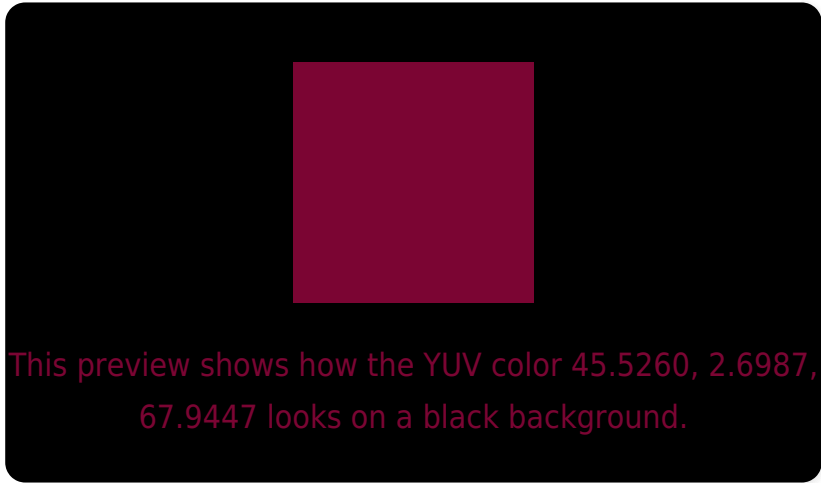
Large Text (above 18pt) WCAG AA ✓ Pass

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

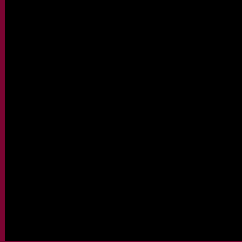
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.5260, 2.6987, 67.9447

Background



This preview shows how black text looks on a background with the YUV color 45.5260, 2.6987, 67.9447.



This preview shows how white text looks on a background with the YUV color 45.5260, 2.6987,

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

45.5260, 2.6987, 67.9447

Protanopia

63.6560, 5.0996, -2.3293

Deuteranopia

63.4760, -8.6157, 10.1065



Tritanopia

51.0850, -15.3249, 62.1925

Trichromacy



Original Color

45.5260, 2.6987, 67.9447

Protanomaly

57.2940, 4.2921, 23.4212

Deuteranomaly

57.0470, -4.4602, 30.6538

Tritanomaly

48.8170, -8.7838, 64.1815

Monochromacy



Original Color

45.5260, 2.6987, 67.9447

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.7950, 1.0871, 24.7358

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.5260, 2.6987, 67.9447 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(123, 5, 51)` looks like.

```
.text, #text, p{  
    color:rgb(123, 5, 51)  
}
```

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(123, 5, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 5, 51) }
```

Border

The CSS property to change the border of an element to YUV 45.5260, 2.6987, 67.9447 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(123, 5, 51) }
```


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

```
.border{ border-color:rgb(123, 5, 51) }
```

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

Here you see how a box with a 4 pixel rgb(123, 5, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 5, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 5, 51);  
box-shadow:4px 4px 4px 4px rgb(123, 5, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.5260, 2.6987, 67.9447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 5, 51) }
```

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

```
.background{ background-color: rgb(123, 5,  
51) }
```

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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