

Converting Colors

YUV(45.5980, 13.5092, 53.8496)

Have a look what the booklet for
YUV(45.5980, 13.5092, 53.8496)
contains.

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Color

**YUV(45.5980, 13.5092,
53.8496)**

Conversions

Conversions Part 1

Format	Color
Hex	6B0949
RGB	107, 9, 73
RGB Percent	42%, 4%, 29%
CMY	0.5804, 0.9647, 0.7137
CMYK	0.00, 0.92, 0.32, 0.58
HSL	321°, 84%, 23%
HSV	321°, 92%, 42%
XYZ	7.3637, 3.8022, 6.6491
YIQ	45.5980, 37.8640, 40.6800

Conversions

Conversions Part 2

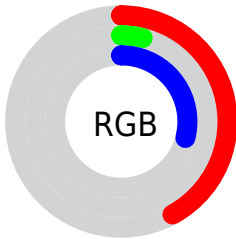
Format	Color
RYB	107, 9, 73
Decimal	7014729
CIELab	23.01, 45.02, -11.51
CIELCh	23, 46.467, 345.664
Yxy	3.8022, 0.4133, 0.2134
Android (android.graphics.Color)	4285204809 (0xFF6B0949)
YUV	45.5980, 13.5092, 53.8496
Hunter-Lab	19.4993, 33.2849, -6.5680

Details

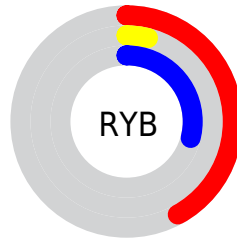
The YUV color **45.5980, 13.5092, 53.8496** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **70.4020, -13.5092, -53.8496**, and the grayscale version is **45.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.2620, 9.7308, 52.3902**, and **20.1640, 4.8491, 31.4282** is the 20% darker color. If you saturate the color by 10%, you get **39.9730, 14.8033, 58.7827**, and if you desaturate by 10%, it is **52.5110, 12.0731, 47.7869**.

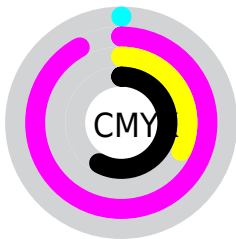
Distribution



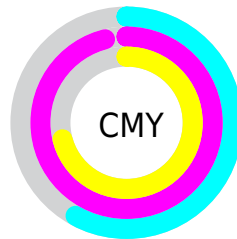
- Red (42%)
- Green (4%)
- Blue (29%)



- Red (42%)
- Yellow (4%)
- Blue (29%)



- Cyan (0%)
- Magenta (92%)
- Yellow (32%)
- Black (58%)



- Cyan (58%)
- Magenta (96%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.5980, 13.5092, 53.8496 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 45.5980, 13.5092, 53.8496 by changing the saturation by 10% instead.

45.5980, 13.5092,
53.8496

45.5980, 13.5092,
53.8496

255.0000, 0.0000,
0.0000

29.9190, 9.8999,
44.7980

102.2620, 9.7308,
52.3902

20.1640, 4.8491,
31.4282

128.7460, 8.9992,
53.7198

8.4860, -3.6906,
17.1138

155.7570, 8.9938,
55.4641

0.0000, 0.0000,
0.0000


183.3550, 8.6990,
56.6937


205.1900, 12.2313,
43.6834


224.4760, 15.0483,


26.7695


 241.4990, 6.6560,
11.8404


 45.5980, 13.5092,
53.8496

 45.5980, 13.5092,
53.8496


 39.9730, 14.8033,
58.7827

 52.5110, 12.0731,
47.7869

 58.7230, 10.4896,
42.3389

 65.6360, 9.0535,
36.2762

 72.5490, 7.6173,
30.2135

 79.4620, 6.1812,
24.1508

■ 85.6740, 4.5977,
18.7029

■ 92.5870, 3.1616,
12.6402

■ 99.5000, 1.7255,
6.5775

■ 105.7120, 0.1420,
1.1296

Harmonies

Analogous

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



55.7230, 23.8006, 19.5369



45.5980, 13.5092, 53.8496



40.8800, -0.9268, 64.1262

Triad

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



45.5980, 13.5092, 53.8496



50.1810, -24.7392, 1.5953



52.3590, 25.4590, -45.9188

Complementary

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



45.5980, 13.5092, 53.8496



70.4020, -13.5092, -53.8496

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.



48.8250, 11.9183, -42.8195



45.5980, 13.5092, 53.8496



38.1550, -18.8104, -33.4619

Square

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



45.5980, 13.5092, 53.8496



52.1070, -25.6888, 26.2162



44.0200, -3.9539, -38.6055



51.5900, 35.2051, -45.2444

Rectangle

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



45.5980, 13.5092, 53.8496



46.7420, -15.1558, 54.6003



44.0200, -3.9539, -38.6055



51.3330, 21.5278, -45.0190

Sweetspot

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



45.5980, 13.5092, 53.8496



116.2120, 5.3185, 20.8621



30.0390, 37.9418, 10.4898



57.1740, 2.8722, 12.1254



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



45.5980, 13.5092, 53.8496



52.3480, 19.5484, 76.8708



40.1260, -7.4571, 58.6485



50.2500, 0.8628, 3.2887



43.7610, 16.3868, 64.2306



91.4950, 33.7730, 134.6239

Inverse Universe

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



45.5980, 13.5092, 53.8496



52.3480, 19.5484, 76.8708



75.8740, 7.4571, -58.6485



50.2500, 0.8628, 3.2887



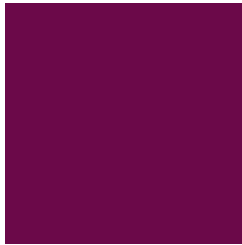
43.7610, 16.3868, 64.2306



91.4950, 33.7730, 134.6239

Previews

White Background



This preview shows how the YUV color 45.5980, 13.5092, 53.8496 looks on a white background.

Color Contrast Check

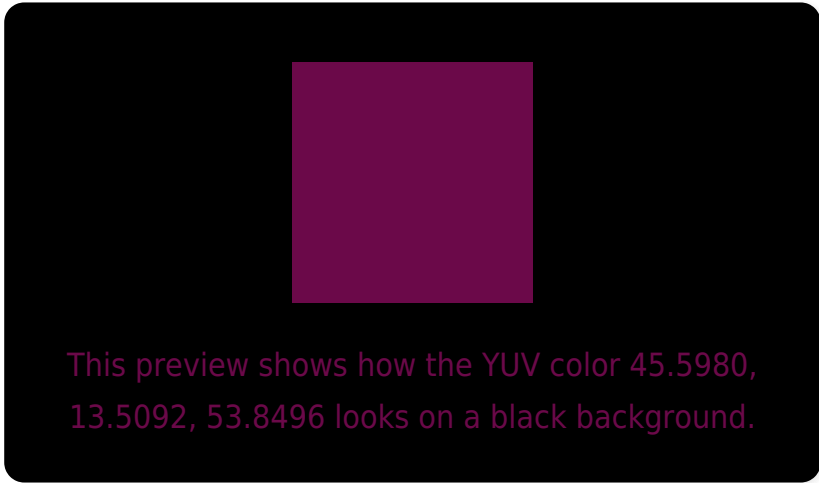
Large Text (above 18pt) WCAG AA ✓ Pass

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

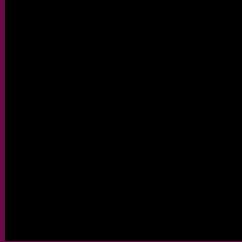
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.5980, 13.5092, 53.8496

Background



This preview shows how black text looks on a background with the YUV color 45.5980, 13.5092, 53.8496.



This preview shows how white text looks on a background with the YUV color 45.5980, 13.5092,

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

45.5980, 13.5092, 53.8496

Protanopia

55.0790, 23.6251, -17.6093

Deuteranopia

57.9660, 4.9468, 0.0298



Tritanopia

52.2400, -10.4713, 45.3935

Trichromacy



Original Color

45.5980, 13.5092, 53.8496

Protanomaly

51.6200, 19.9073, 8.2263

Deuteranomaly

53.5970, 8.0867, 19.6474

Tritanomaly

49.5530, -1.7516, 48.6270

Monochromacy



Original Color

45.5980, 13.5092, 53.8496

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.0870, 4.8871, 19.2177

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.5980, 13.5092, 53.8496 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(107, 9, 73)` looks like.

```
.text, #text, p{  
    color:rgb(107, 9, 73)  
}
```

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(107, 9, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 9, 73) }
```

Border

The CSS property to change the border of an element to YUV 45.5980, 13.5092, 53.8496 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(107, 9, 73) }
```


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

```
.border{ border-color:rgb(107, 9, 73) }
```

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

Here you see how a box with a 4 pixel rgb(107, 9, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 9, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 9, 73);  
box-shadow:4px 4px 4px 4px rgb(107, 9, 73)  
}
```

Background

The CSS property to change the background color of an element to YUV 45.5980, 13.5092, 53.8496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 9, 73) }
```

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

```
.background{ background-color: rgb(107, 9,  
73) }
```

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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