

Converting Colors

YUV(50.2740, 45.2209, 55.8877)

Have a look what the booklet for
YUV(50.2740, 45.2209, 55.8877)
contains.

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Color

**YUV(50.2740, 45.2209,
55.8877)**

Conversions

Conversions Part 1

Format	Color
Hex	72008E
RGB	114, 0, 142
RGB Percent	45%, 0%, 56%
CMY	0.5529, 1.0000, 0.4431
CMYK	0.20, 1.00, 0.00, 0.44
HSL	288°, 100%, 28%
HSV	288°, 100%, 56%
XYZ	11.8219, 5.5304, 26.0356
YIQ	50.2740, 22.3620, 68.3300

Conversions

Conversions Part 2

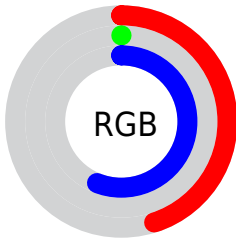
Format	Color
RYB	114, 0, 142
Decimal	7471246
CIELab	28.20, 59.09, -47.94
CIElCh	28, 76.088, 320.948
Yxy	5.5304, 0.2725, 0.1275
Android (android.graphics.Color)	4285661326 (0xFF72008E)
YUV	50.2740, 45.2209, 55.8877
Hunter-Lab	23.5168, 48.5777, -49.1785

Details

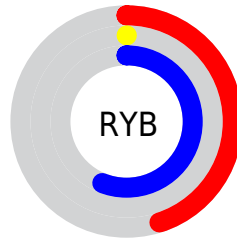
The YUV color **50.2740, 45.2209, 55.8877** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **91.7260, -45.2209, -55.8877**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.3780, 40.7326, 48.7805**, and **28.3140, 30.9042, 27.7886** is the 20% darker color. If you saturate the color by 10%, you get **50.2740, 45.2209, 55.8877**, and if you desaturate by 10%, it is **59.3890, 40.7272, 50.5248**.

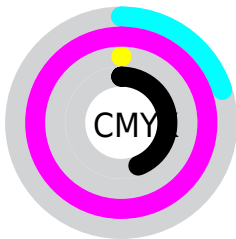
Distribution



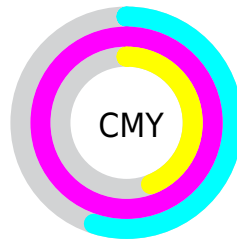
- Red (45%)
- Green (0%)
- Blue (56%)



- Red (45%)
- Yellow (0%)
- Blue (56%)



- Cyan (20%)
- Magenta (100%)
- Yellow (0%)
- Black (44%)



- Cyan (55%)
- Magenta (100%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 50.2740, 45.2209, 55.8877 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 50.2740, 45.2209, 55.8877 by changing the saturation by 10% instead.

■ 50.2740, 45.2209,
55.8877

■ 50.2740, 45.2209,
55.8877

■ 255.0000, 0.0000,
0.0000

■ 39.2370, 37.8442,
41.8882

■ 114.3780, 40.7326,
48.7805

■ 28.3140, 30.9042,
27.7886

■ 142.0900, 40.8746,
49.9101

■ 18.1030, 24.1062,
14.8187

■ 170.5030, 41.1640,
50.4249

■ 4.9020, 18.7823,
-4.2991

■ 194.5390, 29.8073,
53.0243

■ 2.9810, 8.8834,
-2.6143

■ 210.9750, 21.7043,
38.6099

■ 0.0000, 0.0000,
0.0000

■ 227.9980, 13.3120,

23.6808

■ 245.0210, 4.9196,
8.7516

■ 50.2740, 45.2209,
55.8877

■ 59.3890, 40.7272,
50.5248

■ 68.5040, 36.2335,
45.1620

■ 77.9070, 31.5978,
38.6696

■ 87.0220, 27.1042,
33.3067

■ 96.1370, 22.6105,
27.9439

■ 105.2520, 18.1168,
22.5810

■ 114.3670, 13.6231,
17.2181

■ 123.7700, 8.9874,
10.7257

■ 132.8850, 4.4937,
5.3629

Harmonies

Analogous

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



55.6260, 60.8234, -48.7840



50.2740, 45.2209, 55.8877



56.5620, 15.0059, 87.2071

Triad

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



50.2740, 45.2209, 55.8877



63.0490, -31.0832, 29.7750



63.9680, 21.7078, -56.0999

Complementary

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



50.2740, 45.2209, 55.8877



91.7260, -45.2209, -55.8877

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.



55.7260, -4.7949, -48.8717



50.2740, 45.2209, 55.8877



56.8710, -28.0374, -13.9189

Square

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



50.2740, 45.2209, 55.8877



48.5940, -23.9568, 77.5321



48.7210, -24.0195, -42.7283



69.1950, 44.2739, -60.6840

Rectangle

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



50.2740, 45.2209, 55.8877



53.7250, -2.3294, 94.0802



48.7210, -24.0195, -42.7283



61.6880, 12.9718, -54.1004

Sweetspot

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



50.2740, 45.2209, 55.8877



148.4260, 17.5380, 21.5514



32.6240, 53.9224, -28.6112



70.5360, 10.5818, 12.6849



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.



50.2740, 45.2209, 55.8877



64.9290, 58.7020, 71.9763



53.7440, 22.3112, 77.4005



66.5920, 2.1731, 2.9888



47.9810, 42.9004, 53.5137



2.7060, 2.6099, 2.8888

Inverse Universe

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



45.6500, -8.7014, 84.4989



59.1200, -11.3982, 109.5198



88.2560, -22.3112, -77.4005



66.3210, -0.1583, 4.1035



43.4430, -8.1064, 80.2955



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 50.2740, 45.2209, 55.8877 looks on a white background.

Color Contrast Check

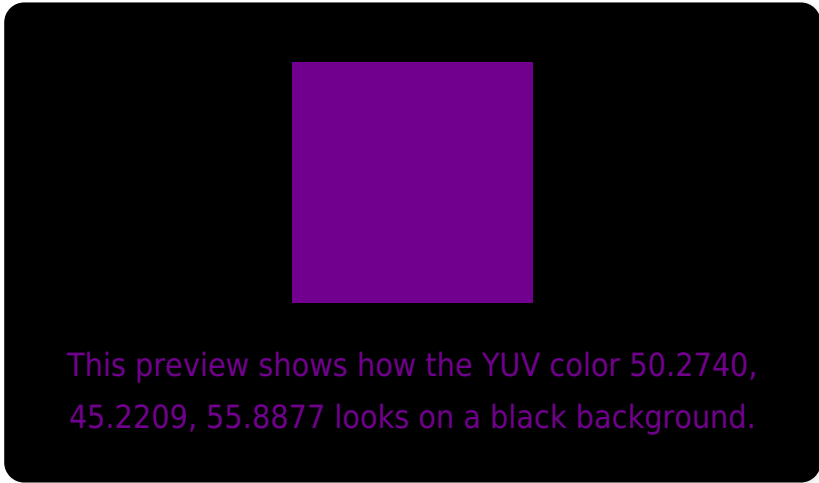
Large Text (above 18pt) WCAG AA ✓ Pass

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

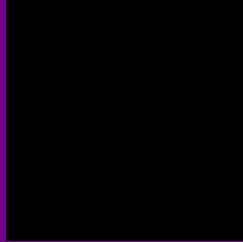
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 50.2740, 45.2209, 55.8877

Background



This preview shows how black text looks on a background with the YUV color 50.2740, 45.2209, 55.8877.



This preview shows how white text looks on a background with the YUV color 50.2740, 45.2209,

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



Protanopia

55.5170, 42.6361, -48.6884

Deuteranopia

55.8130, 33.6162, -48.9480

Tritanopia

70.2100, -5.0335, 27.8798

Trichromacy



Protanomaly

53.6880, 43.5378, -11.1274

Deuteranomaly

53.6080, 38.1543, -11.0572

Tritanomaly

63.0860, 13.2686, 37.6356

Monochromacy



Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

50.0730, 16.2330, 20.1070

CSS Examples

Text

The CSS property to change the color of the text to YUV 50.2740, 45.2209, 55.8877 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(114, 0, 142)` looks like.

```
.text, #text, p{  
    color:rgb(114, 0, 142)  
}
```

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(114, 0, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 0, 142) }
```

Border

The CSS property to change the border of an element to YUV 50.2740, 45.2209, 55.8877 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(114, 0, 142) }
```

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

```
.border{ border-color:rgb(114, 0, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 0, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 0, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 0, 142);  
box-shadow:4px 4px 4px 4px rgb(114, 0,  
142) }
```


Background

The CSS property to change the background color of an element to YUV 50.2740, 45.2209, 55.8877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 0, 142) }
```

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

```
.background{ background-color: rgb(114, 0,  
142) }
```

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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