

Converting Colors

YUV(45.9740, 46.8478, 47.3808)

Have a look what the booklet for
YUV(45.9740, 46.8478, 47.3808)
contains.

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Color

**YUV(45.9740, 46.8478,
47.3808)**

Conversions

Conversions Part 1

Format	Color
Hex	64008D
RGB	100, 0, 141
RGB Percent	39%, 0%, 55%
CMY	0.6078, 1.0000, 0.4471
CMYK	0.29, 1.00, 0.00, 0.45
HSL	283°, 100%, 28%
HSV	283°, 100%, 55%
XYZ	10.0632, 4.6324, 25.5631
YIQ	45.9740, 14.3390, 65.0510

Conversions

Conversions Part 2

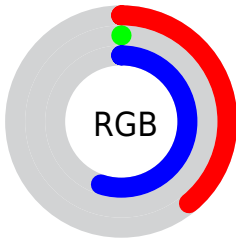
Format	Color
R_{YB}	100, 0, 141
Decimal	6553741
CIE _{Lab}	25.66, 56.97, -51.55
CIE _{LCh}	26, 76.830, 317.857
Yxy	4.6324, 0.2500, 0.1151
Android (android.graphics.Color)	4284743821 (0xFF64008D)
YUV	45.9740, 46.8478, 47.3808
Hunter-Lab	21.5230, 45.7936, -55.3530

Details

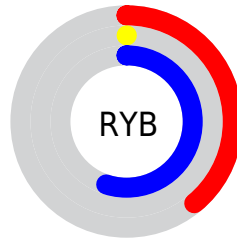
The YUV color **45.9740, 46.8478, 47.3808** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **95.0260, -46.8478, -47.3808**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.3170, 43.2277, 41.8180**, and **23.7150, 32.6785, 18.6669** is the 20% darker color. If you saturate the color by 10%, you get **45.9740, 46.8478, 47.3808**, and if you desaturate by 10%, it is **55.3880, 42.2067, 42.6327**.

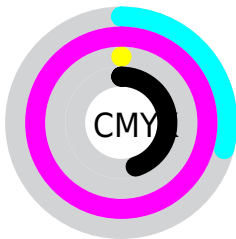
Distribution



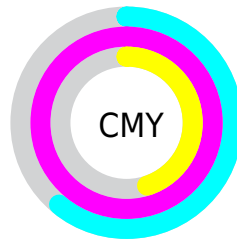
- Red (39%)
- Green (0%)
- Blue (55%)



- Red (39%)
- Yellow (0%)
- Blue (55%)



- Cyan (29%)
- Magenta (100%)
- Yellow (0%)
- Black (45%)



- Cyan (61%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.9740, 46.8478, 47.3808 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 45.9740, 46.8478, 47.3808 by changing the saturation by 10% instead.

45.9740, 46.8478,
47.3808

45.9740, 46.8478,
47.3808

255.0000, 0.0000,
0.0000

34.9370, 39.4711,
33.3813

108.3170, 43.2277,
41.8180

23.7150, 32.6785,
18.6669

135.7300, 43.5171,
42.3328

12.4930, 25.8860,
3.9526

163.5560, 44.0959,
43.3624

6.5490, 17.4773,
-5.7435

188.6030, 32.7337,
47.7062

2.8670, 8.4466,
-2.5144


208.6270, 22.8619,
40.6691


0.0000, 0.0000,
0.0000


225.0630, 14.7589,


26.2547

 242.0860, 6.3666,
11.3256


 45.9740, 46.8478,
47.3808

 55.3880, 42.2067,
42.6327

 64.8020, 37.5656,
37.8846

 74.2160, 32.9245,
33.1366

 83.6300, 28.2834,
28.3885

 93.6310, 23.3529,
23.1256

■ 103.3440, 18.5644,
18.9923

■ 112.7580, 13.9233,
14.2442

■ 122.1720, 9.2822,
9.4962

■ 131.5860, 4.6411,
4.7481

Harmonies

Analogous

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



54.1100, 60.0918, -47.4545



45.9740, 46.8478, 47.3808



53.8710, 16.3326, 81.6741

Triad

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



45.9740, 46.8478, 47.3808



57.7550, -28.4732, 32.6639



58.4910, 18.4919, -51.2966

Complementary

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



45.9740, 46.8478, 47.3808



95.0260, -46.8478, -47.3808

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.



50.8360, -8.3001, -44.5832



45.9740, 46.8478, 47.3808



52.7620, -26.0117, -10.3153

Square

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



45.9740, 46.8478, 47.3808



39.7670, -19.6051, 81.7653



45.1990, -22.2831, -39.6395



65.1200, 41.3528, -57.1102

Rectangle

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



45.9740, 46.8478, 47.3808



51.6320, -1.2976, 89.7767



45.1990, -22.2831, -39.6395



56.0970, 9.3192, -49.1971

Sweetspot

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



45.9740, 46.8478, 47.3808



146.9310, 18.2750, 18.4775



40.7280, 49.4341, -35.7185



69.6390, 11.0240, 10.8406



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.



45.9740, 46.8478, 47.3808



59.8460, 61.2079, 61.5251



55.0410, 28.5738, 75.3860



66.2930, 2.3206, 2.3740



44.0940, 44.8167, 45.5216



2.4070, 2.7573, 2.2741

Inverse Universe

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



46.8330, -2.8757, 82.5845



61.0580, -3.9726, 107.8201



85.9590, -28.5738, -75.3860



66.3210, -0.1583, 4.1035



44.8110, -2.8648, 79.0958



2.6200, -0.3057, 4.7183

Previews

White Background



This preview shows how the YUV color 45.9740, 46.8478, 47.3808 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



This preview shows how the YUV color 45.9740, 46.8478, 47.3808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

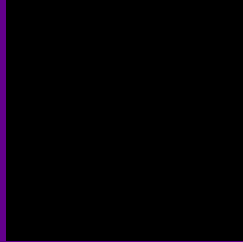
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 45.9740, 46.8478, 47.3808

Background



This preview shows how black text looks on a background with the YUV color 45.9740, 46.8478, 47.3808.



This preview shows how white text looks on a background with the YUV color 45.9740, 46.8478,

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

51.2140, 38.8415, -44.9147

Deuteranopia

51.6240, 30.2584, -45.2742

Tritanopia

64.7250, -2.8224, 18.6582

Trichromacy



Protanomaly

48.9330, 41.9380, -11.3422

Deuteranomaly

49.4400, 36.2651, -11.7869

Tritanomaly

57.9000, 15.3323, 29.0287

Monochromacy



Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.9910, 17.2594, 17.5479

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.9740, 46.8478, 47.3808 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(100, 0, 141)` looks like.

```
.text, #text, p{  
    color:rgb(100, 0, 141)  
}
```

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(100, 0, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 0, 141) }
```

Border

The CSS property to change the border of an element to YUV 45.9740, 46.8478, 47.3808 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(100, 0, 141) }
```

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

```
.border{ border-color:rgb(100, 0, 141) }
```

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

Here you see how a box with a 4 pixel rgb(100, 0, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 0, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 0, 141);  
box-shadow:4px 4px 4px 4px rgb(100, 0,  
141) }
```


Background

The CSS property to change the background color of an element to YUV 45.9740, 46.8478, 47.3808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 0, 141) }
```

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

```
.background{ background-color: rgb(100, 0,  
141) }
```

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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