

Converting Colors

YUV(46.4720, 34.7703, 47.8211)

Have a look what the booklet for
YUV(46.4720, 34.7703, 47.8211)
contains.

YUV(46.4720, 34.7703, 47.8211)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(46.4720, 34.7703,
47.8211)**

Conversions

Conversions Part 1

Format	Color
Hex	650575
RGB	101, 5, 117
RGB Percent	40%, 2%, 46%
CMY	0.6039, 0.9804, 0.5412
CMYK	0.14, 0.96, 0.00, 0.54
HSL	291°, 92%, 24%
HSV	291°, 96%, 46%
XYZ	8.6320, 4.1596, 17.1775
YIQ	46.4720, 21.2640, 55.1840

Conversions

Conversions Part 2

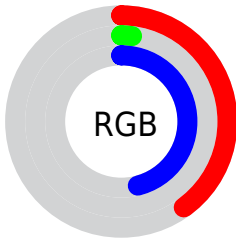
Format	Color
RYB	101, 5, 117
Decimal	6620533
CIELab	24.19, 51.50, -38.77
CIELCh	24, 64.467, 323.029
Yxy	4.1596, 0.2880, 0.1388
Android (android.graphics.Color)	4284810613 (0xFF650575)
YUV	46.4720, 34.7703, 47.8211
Hunter-Lab	20.3951, 39.8566, -35.6598

Details

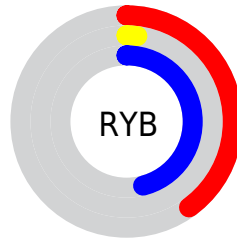
The YUV color **46.4720, 34.7703, 47.8211** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **75.5280, -34.7703, -47.8211**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.0540, 32.0184, 43.8026**, and **22.7020, 22.3319, 23.9403** is the 20% darker color. If you saturate the color by 10%, you get **43.2380, 36.3647, 49.7803**, and if you desaturate by 10%, it is **54.1140, 31.0028, 42.8730**.

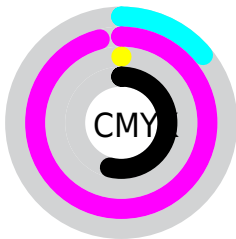
Distribution



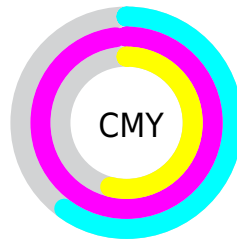
- Red (40%)
- Green (2%)
- Blue (46%)



- Red (40%)
- Yellow (2%)
- Blue (46%)



- Cyan (14%)
- Magenta (96%)
- Yellow (0%)
- Black (54%)



- Cyan (60%)
- Magenta (98%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 46.4720, 34.7703, 47.8211 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 46.4720, 34.7703, 47.8211 by changing the saturation by 10% instead.

46.4720, 34.7703,
47.8211

46.4720, 34.7703,
47.8211

255.0000, 0.0000,
0.0000

32.9130, 29.1299,
36.9103

105.0540, 32.0184,
43.8026

22.7020, 22.3319,
23.9403

132.3530, 31.8710,
44.4174

12.0070, 16.2655,
9.6409

160.1790, 32.4498,
45.4470

3.2090, 9.7570,
-2.8143

187.8910, 32.5917,
46.5766


0.0000, 0.0000,
0.0000


208.0400, 23.1513,
41.1839


224.4760, 15.0483,


26.7695


 241.4990, 6.6560,
11.8404


 46.4720, 34.7703,
47.8211


 46.4720, 34.7703,
47.8211


 43.2380, 36.3647,
49.7803

 54.1140, 31.0028,
42.8730

 60.8700, 27.6721,
37.8250

 68.5120, 23.9046,
32.8770

 76.1540, 20.1371,
27.9289

 83.4970, 16.5170,
22.3661

■ 90.5520, 13.0389,
17.9329

■ 98.1940, 9.2714,
12.9849

■ 105.5370, 5.6513,
7.4221

■ 112.5920, 2.1731,
2.9888

Harmonies

Analogous

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



46.3360, 50.6134, -40.6367



46.4720, 34.7703, 47.8211



47.8610, 11.4075, 74.6669

Triad

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



46.4720, 34.7703, 47.8211



54.7430, -26.9883, 23.0274



55.4420, 19.5021, -48.6226

Complementary

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



46.4720, 34.7703, 47.8211



75.5280, -34.7703, -47.8211

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.



49.0410, -2.4852, -43.0090



46.4720, 34.7703, 47.8211



48.9080, -24.1116, -13.0743

Square

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



46.4720, 34.7703, 47.8211



47.2990, -23.3184, 59.3738



42.2640, -20.8362, -37.0655



59.5290, 37.7002, -52.2069

Rectangle

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



46.4720, 34.7703, 47.8211



45.4090, -3.1596, 80.3253



42.2640, -20.8362, -37.0655



53.5040, 12.0765, -46.9230

Sweetspot

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



46.4720, 34.7703, 47.8211



125.3780, 13.6176, 18.9625



27.7470, 44.0017, -19.9491



59.9550, 8.4032, 11.4405



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



46.4720, 34.7703, 47.8211



56.6110, 47.5198, 65.2392



46.8100, 15.3767, 61.5566



55.1790, 1.8838, 2.4740



45.3030, 37.8116, 52.3543



92.4860, 77.6544, 106.5678

Inverse Universe

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



40.3120, -9.5208, 67.2554



48.2550, -12.9437, 91.8614



75.1900, -15.3767, -61.5566



54.9080, -0.4476, 3.5887



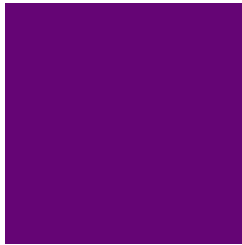
38.4160, -10.5581, 73.3032



78.8540, -21.1270, 150.0950

Previews

White Background



This preview shows how the YUV color 46.4720, 34.7703, 47.8211 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

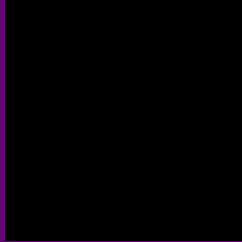
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 46.4720, 34.7703, 47.8211

Background



This preview shows how black text looks on a background with the YUV color 46.4720, 34.7703, 47.8211.



This preview shows how white text looks on a background with the YUV color 46.4720, 34.7703,

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

46.4720, 34.7703, 47.8211

Protanopia

48.0680, 36.9415, -42.1556

Deuteranopia

48.8200, 29.6687, -42.8151



Tritanopia

60.0960, -5.4703, 27.9798

Trichromacy



Original Color

46.4720, 34.7703, 47.8211

Protanomaly

47.7500, 36.1123, -9.4277

Deuteranomaly

47.8980, 31.6023, -9.5575

Tritanomaly

55.0380, 9.3483, 35.0467

Monochromacy



Original Color

46.4720, 34.7703, 47.8211

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

46.1390, 12.7495, 17.4181

CSS Examples

Text

The CSS property to change the color of the text to YUV 46.4720, 34.7703, 47.8211 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(101, 5, 117)` looks like.

```
.text, #text, p{  
    color:rgb(101, 5, 117)  
}
```

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(101, 5, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 5, 117) }
```

Border

The CSS property to change the border of an element to YUV 46.4720, 34.7703, 47.8211 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(101, 5, 117) }
```


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

```
.border{ border-color:rgb(101, 5, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 5, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 5, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 5, 117);  
box-shadow:4px 4px 4px 4px rgb(101, 5,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 46.4720, 34.7703, 47.8211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 5, 117) }
```

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

```
.background{ background-color: rgb(101, 5,  
117) }
```

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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