

Converting Colors

YUV(114.2520, 4.8058, 45.3830)

Have a look what the booklet for
YUV(114.2520, 4.8058, 45.3830)
contains.

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Color

**YUV(114.2520, 4.8058,
45.3830)**

Conversions

Conversions Part 1

Format	Color
Hex	A6567C
RGB	166, 86, 124
RGB Percent	65%, 34%, 49%
CMY	0.3490, 0.6627, 0.5137
CMYK	0.00, 0.48, 0.25, 0.35
HSL	332°, 32%, 49%
HSV	332°, 48%, 65%
XYZ	22.6918, 16.2178, 21.0031
YIQ	114.2520, 35.4820, 28.7780

Conversions

Conversions Part 2

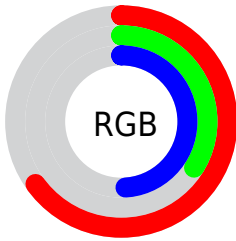
Format	Color
R_{YB}	166, 86, 124
Decimal	10901116
CIE _{Lab}	47.26, 37.51, -6.49
CIE _{LCh}	47, 38.069, 350.181
Yxy	16.2178, 0.3787, 0.2707
Android (android.graphics.Color)	4289091196 (0xFFA6567C)
YUV	114.2520, 4.8058, 45.3830
Hunter-Lab	40.2713, 30.1049, -2.7322

Details

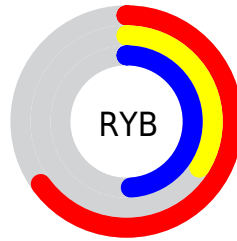
The YUV color **114.2520, 4.8058, 45.3830** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **137.7480, -4.8058, -45.3830**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.7470, 4.0687, 48.4569**, and **63.1700, 5.8322, 42.8239** is the 20% darker color. If you saturate the color by 10%, you get **103.2470, 5.7942, 55.0344**, and if you desaturate by 10%, it is **125.2570, 3.8173, 35.7316**.

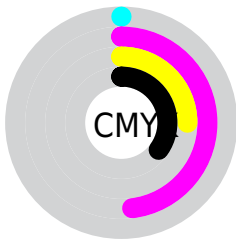
Distribution



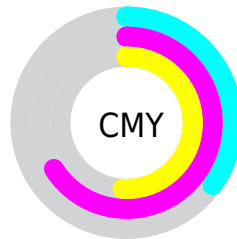
- Red (65%)
- Green (34%)
- Blue (49%)



- Red (65%)
- Yellow (34%)
- Blue (49%)



- Cyan (0%)
- Magenta (48%)
- Yellow (25%)
- Black (35%)





- Cyan (35%)
- Magenta (66%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.2520, 4.8058, 45.3830 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 114.2520, 4.8058, 45.3830 by changing the saturation by 10% instead.


 114.2520, 4.8058,
45.3830

 114.2520, 4.8058,
45.3830

255.0000, 0.0000,
0.0000


 88.3550, 5.2480,
43.5387


 167.7470, 4.0687,
48.4569

 63.1700, 5.8322,
42.8239


 195.4590, 4.2107,
49.5865


 35.5660, 8.5950,
43.3536

 215.9840, 7.8959,
34.2170

 21.4740, 4.6963,
33.7873

 235.0420, 9.8393,
17.5032

 11.9320, -3.4175,
22.8616

 252.0650, 1.4470,
2.5740

 0.0000, 0.0000,
0.0000

114.2520, 4.8058,
45.3830

114.2520, 4.8058,
45.3830

103.2470, 5.7942,
55.0344

125.2570, 3.8173,
35.7316

92.9430, 6.9301,
64.0710

135.5610, 2.6814,
26.6950

81.9380, 7.9186,
73.7224

146.5660, 1.6930,
17.0436

71.5200, 8.6176,
82.8590

156.9840, 0.9939,
7.9070

60.5150, 9.6061,
92.5103

167.9890, 0.0054,
-1.7444

58.6400, 10.0375,
94.1547

178.8800, -1.4198,
-11.2958

189.2980, -2.1189,
-20.4323

200.3030, -3.1074,

-30.0837

 210.6070, -4.2433,
-39.1203

Harmonies

Analogous

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



115.3660, 18.5536, 22.4810



114.2520, 4.8058, 45.3830



112.3980, -10.0562, 52.2710

Triad

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



114.2520, 4.8058, 45.3830



107.1550, -28.6704, 2.4951



91.7290, 34.1506, -80.4463

Complementary

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



114.2520, 4.8058, 45.3830



137.7480, -4.8058, -45.3830

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.



90.2980, 21.0521, -79.1913



114.2520, 4.8058, 45.3830



102.2960, -15.9219, -26.5696

Square

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



114.2520, 4.8058, 45.3830



110.0270, -31.0723, 26.2863



86.5360, 6.6378, -75.8921



91.5970, 41.1177, -75.0686

Rectangle

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



114.2520, 4.8058, 45.3830



111.5580, -19.5021, 48.6226



86.5360, 6.6378, -75.8921



91.9910, 30.0774, -80.6761

Sweetspot

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



114.2520, 4.8058, 45.3830



196.9790, 1.9824, 17.5584



107.3790, 28.9002, 17.2076



97.7070, 1.1304, 10.7810



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



114.2520, 4.8058, 45.3830



135.5140, 7.6346, 71.4632



110.5070, -12.0820, 48.6674



78.8480, 0.5679, 4.5183



52.2320, 8.7596, 83.9885



7.1200, 1.4198, 11.2958

Inverse Universe

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



114.2520, 4.8058, 45.3830



135.5140, 7.6346, 71.4632



141.4930, 12.0820, -48.6674



78.8480, 0.5679, 4.5183



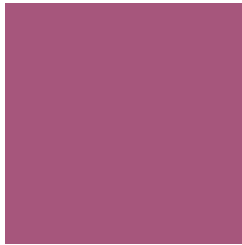
52.2320, 8.7596, 83.9885



7.1200, 1.4198, 11.2958

Previews

White Background



This preview shows how the YUV color 114.2520, 4.8058, 45.3830 looks on a white background.

Color Contrast Check

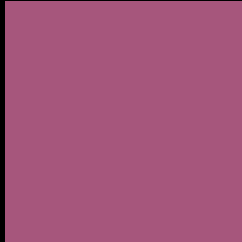
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 114.2520, 4.8058, 45.3830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

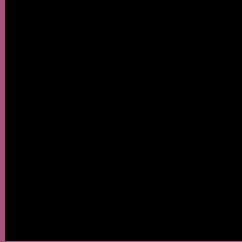
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 114.2520, 4.8058, 45.3830

Background



This preview shows how black text looks on a background with the YUV color 114.2520, 4.8058, 45.3830.



This preview shows how white text looks on a background with the YUV color 114.2520, 4.8058,

45.3830.

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

114.2520, 4.8058, 45.3830

Protanopia

112.9250, 13.8410, -6.0732

Deuteranopia

113.5430, 3.1833, 5.6628



Tritanopia

113.3260, -7.5557, 43.5641

Trichromacy



Original Color

114.2520, 4.8058, 45.3830

Protanomaly

113.5360, 10.5818, 12.6849

Deuteranomaly

114.0440, 3.4293, 20.1324

Tritanomaly

113.4770, -3.1932, 44.3087

Monochromacy



Original Color

114.2520, 4.8058, 45.3830

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.2670, 1.8404, 16.4288

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.2520, 4.8058, 45.3830 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(166, 86, 124)` looks like.

```
.text, #text, p{  
    color:rgb(166, 86, 124)  
}
```

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(166, 86, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 86, 124) }
```

Border

The CSS property to change the border of an element to YUV 114.2520, 4.8058, 45.3830 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(166, 86, 124) }
```


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

```
.border{ border-color:rgb(166, 86, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 86, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 86, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 86, 124);  
box-shadow:4px 4px 4px 4px rgb(166, 86,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 114.2520, 4.8058, 45.3830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 86, 124) }
```

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

```
.background{ background-color: rgb(166, 86,  
124) }
```

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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