

Converting Colors

YUV(114.7350, 45.9796,
45.8364)

Have a look what the booklet for
YUV(114.7350, 45.9796, 45.8364)
contains.

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Color

**YUV(114.7350, 45.9796,
45.8364)**

Conversions

Conversions Part 1

Format	Color
Hex	A746D0
RGB	167, 70, 208
RGB Percent	65%, 27%, 82%
CMY	0.3451, 0.7255, 0.1843
CMYK	0.20, 0.66, 0.00, 0.18
HSL	282°, 59%, 55%
HSV	282°, 66%, 82%
XYZ	29.5117, 17.1499, 61.4293
YIQ	114.7350, 13.5140, 63.4820

Conversions

Conversions Part 2

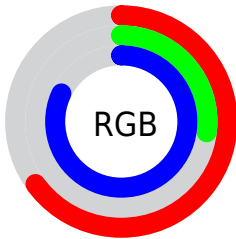
Format	Color
RYB	167, 70, 208
Decimal	10962640
CIELab	48.45, 60.78, -54.14
CIELCh	48, 81.398, 318.306
Yxy	17.1499, 0.2730, 0.1587
Android (android.graphics.Color)	4289152720 (0xFFA746D0)
YUV	114.7350, 45.9796, 45.8364
Hunter-Lab	41.4124, 54.7325, -58.9595

Details

The YUV color **114.7350, 45.9796, 45.8364** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **163.2650, -45.9796, -45.8364**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.7200, 42.0430, 48.4806**, and **50.6310, 50.4679, 52.9436** is the 20% darker color. If you saturate the color by 10%, you get **100.6140, 52.9413, 52.9585**, and if you desaturate by 10%, it is **128.8560, 39.0180, 38.7143**.

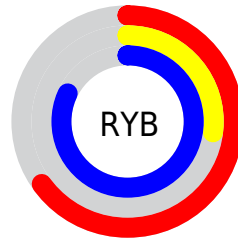
Distribution



Red (65%)

Green (27%)

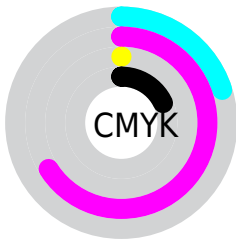
Blue (82%)



Red (65%)

Yellow (27%)

Blue (82%)

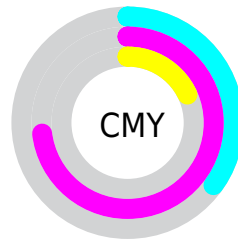


Cyan (20%)

Magenta (66%)

Yellow (0%)

Black (18%)



Cyan (35%)

Magenta (73%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.7350, 45.9796, 45.8364 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 114.7350, 45.9796, 45.8364 by changing the saturation by 10% instead.

■ 114.7350, 45.9796,
45.8364

■ 114.7350, 45.9796,
45.8364

255.0000, 0.0000,
0.0000

■ 86.1480, 46.2690,
46.3512

■ 169.7200, 42.0430,
48.4806

■ 50.6310, 50.4679,
52.9436

■ 194.5390, 29.8073,
53.0243

■ 39.1810, 42.8018,
38.4293

■ 210.9750, 21.7043,
38.6099

■ 27.8450, 35.5724,
23.8149

■ 227.9980, 13.3120,
23.6808

■ 17.3350, 28.9218,
10.2302

■ 245.0210, 4.9196,
8.7516

■ 5.9280, 22.7135,
-5.1989

■ 4.5940, 12.5252,

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 114.7350, 45.9796,
45.8364

■ 114.7350, 45.9796,
45.8364

■ 100.6140, 52.9413,
52.9585

■ 128.8560, 39.0180,
38.7143

■ 86.4930, 59.9030,
60.0806

■ 142.9770, 32.0563,
31.5922

■ 72.6600, 66.7226,
66.0732

■ 156.8100, 25.2367,
25.5996

■ 67.3660, 69.3326,
68.9620

■ 170.9310, 18.2750,
18.4775

■ 185.0520, 11.3134,
11.3554

■ 199.1730, 4.3517,
4.2333

■ 213.2940, -2.6099,
-2.8888

■ 226.8280, -9.2822,
-9.4962

■ 240.0740,
-15.8125, -14.9739

Harmonies

Analogous

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



92.2550, 76.7823, -80.9076



114.7350, 45.9796, 45.8364



82.6090, 30.7588, 121.3689

Triad

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



114.7350, 45.9796, 45.8364



108.3120, -53.3978, 47.0844



101.8390, 27.1944, -89.3128

Complementary

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



114.7350, 45.9796, 45.8364



163.2650, -45.9796, -45.8364

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.



93.0440, -3.9657, -81.5996



114.7350, 45.9796, 45.8364



103.5740, -51.0620, -2.2574

Square

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



114.7350, 45.9796, 45.8364



100.3470, -49.4711, 94.4117



79.8320, -39.3572, -70.0127



107.6190, 54.4178, -94.3819

Rectangle

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



114.7350, 45.9796, 45.8364



80.6540, 9.0446, 132.7304



79.8320, -39.3572, -70.0127



99.1030, 16.7112, -86.9133

Sweetspot

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



114.7350, 45.9796, 45.8364



220.5780, 16.9700, 17.0331



109.7990, 48.4131, -34.9037



106.8130, 10.4452, 9.8110



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



114.7350, 45.9796, 45.8364



117.0130, 68.0276, 67.5176



123.8020, 27.7056, 73.8416



97.3470, 3.7729, 3.2037



54.4340, 55.9880, 55.7474



13.3450, 13.6339, 13.7294

Inverse Universe

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



115.9360, -2.4334, 80.7401



118.9500, -3.4263, 119.3159



154.1980, -27.7056, -73.8416



97.6310, -0.3111, 6.4626



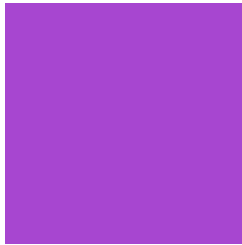
55.9320, -2.9245, 98.2836



13.6270, -0.8021, 24.0061

Previews

White Background



This preview shows how the YUV color 114.7350, 45.9796, 45.8364 looks on a white background.

Color Contrast Check

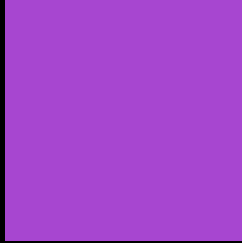
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.7350, 45.9796, 45.8364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

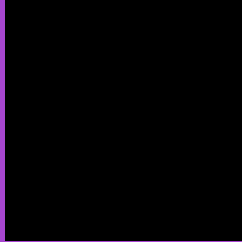
Any Text WCAG AA × Fail

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 114.7350, 45.9796, 45.8364 Background



This preview shows how black text looks on a background with the YUV color 114.7350, 45.9796, 45.8364.



This preview shows how white text looks on a background with the YUV color 114.7350, 45.9796,

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

114.7350, 45.9796, 45.8364

Protanopia

92.0610, 70.9619, -80.7375

Deuteranopia

106.3150, 45.6937, -49.3883



Tritanopia

117.1610, -4.0234, 30.5538

Trichromacy



Original Color

114.7350, 45.9796, 45.8364



Protanomaly

100.3550, 61.9430, -34.5143



Deuteranomaly

109.5350, 45.5852, -14.5012



Tritanomaly

116.3030, 14.1476, 35.6913

Monochromacy



Original Color

114.7350, 45.9796, 45.8364



Achromatopsia

115.0000, 0.0000, 0.0000



Achromatomaly

115.1650, 16.6807, 16.5183

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.7350, 45.9796, 45.8364 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(167, 70, 208)` looks like.

```
.text, #text, p{  
    color:rgb(167, 70, 208)  
}
```

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(167, 70, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 70, 208) }
```

Border

The CSS property to change the border of an element to YUV 114.7350, 45.9796, 45.8364 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(167, 70, 208) }
```


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

```
.border{ border-color:rgb(167, 70, 208) }
```

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

Here you see how a box with a 4 pixel rgb(167, 70, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 70, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 70, 208);  
box-shadow:4px 4px 4px 4px rgb(167, 70,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 114.7350, 45.9796, 45.8364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 70, 208) }
```

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

```
.background{ background-color: rgb(167, 70,  
208) }
```

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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