

Converting Colors

YUV(114.6580, 9.0426, 39.7649)

Have a look what the booklet for
YUV(114.6580, 9.0426, 39.7649)
contains.

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Color

**YUV(114.6580, 9.0426,
39.7649)**

Conversions

Conversions Part 1

Format	Color
Hex	A05885
RGB	160, 88, 133
RGB Percent	63%, 35%, 52%
CMY	0.3725, 0.6549, 0.4784
CMYK	0.00, 0.45, 0.17, 0.37
HSL	322°, 29%, 49%
HSV	322°, 45%, 63%
XYZ	22.2206, 16.1465, 24.1357
YIQ	114.6580, 28.4670, 29.2590

Conversions

Conversions Part 2

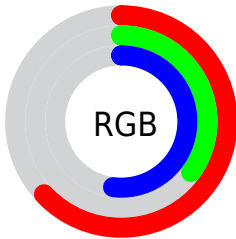
Format	Color
R_{YB}	160, 88, 133
Decimal	10508421
CIE _{Lab}	47.17, 35.75, -12.13
CIE _{LCh}	47, 37.753, 341.253
Yxy	16.1465, 0.3555, 0.2583
Android (android.graphics.Color)	4288698501 (0xFFA05885)
YUV	114.6580, 9.0426, 39.7649
Hunter-Lab	40.1827, 28.3887, -7.4847

Details

The YUV color **114.6580, 9.0426, 39.7649** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **133.3420, -9.0426, -39.7649**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.9680, 8.8898, 42.1241**, and **64.3480, 9.1954, 37.4058** is the 20% darker color. If you saturate the color by 10%, you get **104.5820, 11.0521, 48.6016**, and if you desaturate by 10%, it is **124.7340, 7.0331, 30.9283**.

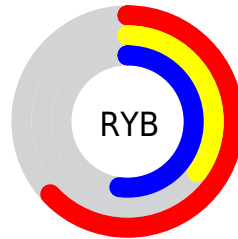
Distribution



Red (63%)

Green (35%)

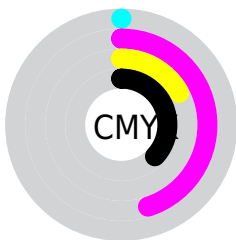
Blue (52%)



Red (63%)

Yellow (35%)

Blue (52%)

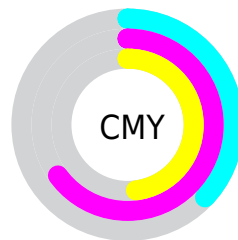


Cyan (0%)

Magenta (45%)

Yellow (17%)

Black (37%)



Cyan (37%)


Magenta (65%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.6580, 9.0426, 39.7649 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 114.6580, 9.0426, 39.7649 by changing the saturation by 10% instead.

 114.6580, 9.0426,
39.7649

 114.6580, 9.0426,
39.7649


255.0000, 0.0000,
0.0000


 89.0600, 9.3374,
38.5354

 167.9680, 8.8898,
42.1241


 64.3480, 9.1954,
37.4058


 195.6800, 9.0318,
43.2536


 38.1030, 10.7952,
37.6207

 217.7110, 11.9745,
32.7025

 21.0760, 8.3435,
30.6283

 236.2160, 9.2605,
16.4736

 12.1040, 2.4137,
19.2028

 252.6520, 1.1576,
2.0592

 0.0000, 0.0000,
0.0000

■ 114.6580, 9.0426,
39.7649

■ 114.6580, 9.0426,
39.7649

■ 104.5820, 11.0521,
48.6016

■ 124.7340, 7.0331,
30.9283

■ 94.5060, 13.0615,
57.4382

■ 134.8100, 5.0237,
22.0916

■ 84.4300, 15.0710,
66.2749

■ 144.8860, 3.0142,
13.2550

■ 74.3540, 17.0805,
75.1115

■ 154.9620, 1.0047,
4.4183

■ 64.2780, 19.0899,
83.9482

■ 165.0380, -1.0047,
-4.4183


■ 59.2400, 20.0947,
88.3665

■ 175.1140, -3.0142,
-13.2550

■ 185.1900, -5.0237,
-22.0916

■ 195.2660, -7.0331,

-30.9283

 205.3420, -9.0426,
-39.7649

Harmonies

Analogous

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



115.2230, 22.0751, 12.9594



114.6580, 9.0426, 39.7649



112.5380, -5.6882, 51.2712

Triad

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



114.6580, 9.0426, 39.7649



107.8570, -30.0025, 9.7724



91.4040, 30.3668, -80.1613

Complementary

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



114.6580, 9.0426, 39.7649



133.3420, -9.0426, -39.7649

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.



89.1580, 16.6841, -78.1916



114.6580, 9.0426, 39.7649



103.7980, -20.6064, -17.3628

Square

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



114.6580, 9.0426, 39.7649



110.2280, -29.1994, 32.2490



94.9750, -2.4527, -53.4751



90.6350, 40.1129, -79.4869

Rectangle

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



114.6580, 9.0426, 39.7649



112.3070, -15.4344, 50.5968



94.9750, -2.4527, -53.4751



90.9650, 26.1463, -79.7763

Sweetspot

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



114.6580, 9.0426, 39.7649



190.7230, 3.5876, 16.0289



103.9820, 27.6169, 8.7858



93.6360, 2.1515, 9.9662



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



114.6580, 9.0426, 39.7649



137.8810, 14.3557, 62.3714



110.6680, -6.2453, 43.2642



73.9620, 1.0047, 4.4183



52.9030, 17.7958, 79.0151



5.6250, 2.1569, 8.2219

Inverse Universe

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



114.6580, 9.0426, 39.7649



137.8810, 14.3557, 62.3714



137.3320, 6.2453, -43.2642



73.9620, 1.0047, 4.4183



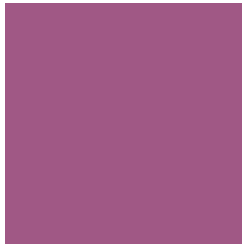
52.9030, 17.7958, 79.0151



5.6250, 2.1569, 8.2219

Previews

White Background



This preview shows how the YUV color 114.6580, 9.0426, 39.7649 looks on a white background.

Color Contrast Check

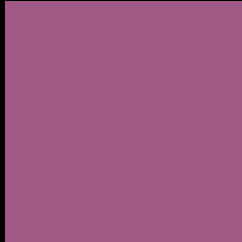
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.6580, 9.0426, 39.7649 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 114.6580, 9.0426, 39.7649

Background



This preview shows how black text looks on a background with the YUV color 114.6580, 9.0426, 39.7649.



This preview shows how white text looks on a background with the YUV color 114.6580, 9.0426,

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

114.6580, 9.0426, 39.7649

Protanopia

112.6410, 17.9250, -9.3322

Deuteranopia

113.6610, 7.5621, 1.1743



Tritanopia

113.6350, -6.2291, 38.0311

Trichromacy



Original Color

114.6580, 9.0426, 39.7649

Protanomaly

113.5400, 14.5238, 8.2964

Deuteranomaly

113.8630, 7.9555, 15.0291

Tritanomaly

114.1280, -0.5561, 38.4757

Monochromacy



Original Color

114.6580, 9.0426, 39.7649

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.7120, 3.5930, 14.2846

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.6580, 9.0426, 39.7649 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(160, 88, 133)` looks like.

```
.text, #text, p{  
    color:rgb(160, 88, 133)  
}
```

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(160, 88, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 88, 133) }
```

Border

The CSS property to change the border of an element to YUV 114.6580, 9.0426, 39.7649 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(160, 88, 133) }
```


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

```
.border{ border-color:rgb(160, 88, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 88, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 88, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 88, 133);  
box-shadow:4px 4px 4px 4px rgb(160, 88,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 114.6580, 9.0426, 39.7649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 88, 133) }
```

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

```
.background{ background-color: rgb(160, 88,  
133) }
```

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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