

Converting Colors

YUV(116.4750, 6.6678, 54.8344)

Have a look what the booklet for
YUV(116.4750, 6.6678, 54.8344)
contains.

YUV(116.4750, 6.6678, 54.8344)	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(116.4750, 6.6678,
54.8344)**

Conversions

Conversions Part 1

Format	Color
Hex	B35282
RGB	179, 82, 130
RGB Percent	70%, 32%, 51%
CMY	0.2980, 0.6784, 0.4902
CMYK	0.00, 0.54, 0.27, 0.30
HSL	330°, 39%, 51%
HSV	330°, 54%, 70%
XYZ	25.6370, 17.2300, 23.0936
YIQ	116.4750, 42.4040, 35.4920

Conversions

Conversions Part 2

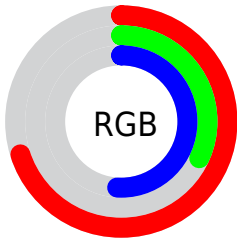
Format	Color
R_{YB}	179, 82, 130
Decimal	11752066
CIE Lab	48.55, 44.83, -7.98
CIE LCh	49, 45.536, 349.904
Yxy	17.2300, 0.3887, 0.2612
Android (android.graphics.Color)	4289942146 (0xFFB35282)
YUV	116.4750, 6.6678, 54.8344
Hunter-Lab	41.5090, 37.6050, -3.9297

Details

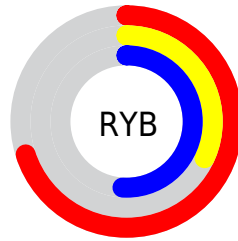
The YUV color **116.4750, 6.6678, 54.8344** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **144.5250, -6.6678, -54.8344**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.9700, 5.9308, 57.9083**, and **62.4470, 9.1466, 53.1050** is the 20% darker color. If you saturate the color by 10%, you get **104.8830, 7.9457, 65.0006**, and if you desaturate by 10%, it is **128.0670, 5.3900, 44.6682**.

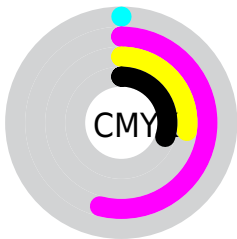
Distribution



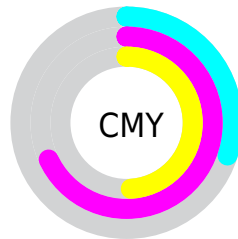
- Red (70%)
- Green (32%)
- Blue (51%)



- Red (70%)
- Yellow (32%)
- Blue (51%)



- Cyan (0%)
- Magenta (54%)
- Yellow (27%)
- Black (30%)



- Cyan (30%)
- Magenta (68%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YUV color 116.4750, 6.6678, 54.8344 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 116.4750, 6.6678, 54.8344 by changing the saturation by 10% instead.

 116.4750, 6.6678,
54.8344

 116.4750, 6.6678,
54.8344


255.0000, 0.0000,
0.0000


 89.9910, 7.3994,
53.5049

 170.9700, 5.9308,
57.9083


 62.4470, 9.1466,
53.1050


 195.3930, 7.6943,
52.2753

 35.3160, 11.1832,
53.2199

 215.0210, 11.8216,
35.0616

 25.0340, 5.4062,
39.4352

 233.2810, 10.7075,
19.0476

 15.6490, -0.8130,
27.4948

 250.3040, 2.3151,
4.1184

 0.0000, 0.0000,
0.0000

116.4750, 6.6678,
54.8344

116.4750, 6.6678,
54.8344

104.8830, 7.9457,
65.0006

128.0670, 5.3900,
44.6682

93.2910, 9.2235,
75.1668

139.6590, 4.1121,
34.5021

81.6990, 10.5014,
85.3330

151.2510, 2.8343,
24.3359

70.1070, 11.7792,
95.4992

162.8430, 1.5564,
14.1697

63.6670, 12.4892,
101.1470


174.4350, 0.2785,
4.0035

185.4400, -0.7099,
-5.6479

197.0320, -1.9878,
-15.8141

208.6240, -3.2656,

-25.9802

 220.2160, -4.5435,
-36.1464

Harmonies

Analogous

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



118.5390, 22.9053, 26.7143



116.4750, 6.6678, 54.8344



114.1220, -11.3991, 63.0370

Triad

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



116.4750, 6.6678, 54.8344



108.4340, -35.2170, 2.2504



96.6190, 37.6558, -84.7349

Complementary

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



116.4750, 6.6678, 54.8344



144.5250, -6.6678, -54.8344

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.



94.6180, 22.3733, -82.9800



116.4750, 6.6678, 54.8344



102.3400, -19.3946, -32.7472

Square

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



116.4750, 6.6678, 54.8344



111.9260, -37.9245, 30.7599



89.5850, 5.6276, -78.5660



93.9750, 47.8333, -82.4161

Rectangle

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



116.4750, 6.6678, 54.8344



113.8150, -22.5868, 58.0442



89.5850, 5.6276, -78.5660



96.7670, 33.1459, -84.8647

Sweetspot

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



116.4750, 6.6678, 54.8344



208.1150, 2.4083, 20.9471



107.7090, 35.1465, 20.4262



102.8320, 1.5618, 12.4253



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



116.4750, 6.6678, 54.8344



134.6990, 10.5014, 85.3330



111.0030, -14.2985, 59.6334



83.2610, 0.8573, 5.0331



54.4110, 10.6434, 86.4626



9.2560, 1.8458, 14.6845

Inverse Universe

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



116.4750, 6.6678, 54.8344



134.6990, 10.5014, 85.3330



149.9970, 14.2985, -59.6334



83.2610, 0.8573, 5.0331



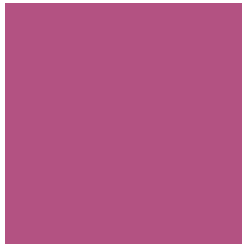
54.4110, 10.6434, 86.4626



9.2560, 1.8458, 14.6845

Previews

White Background



This preview shows how the YUV color 116.4750, 6.6678, 54.8344 looks on a white background.

Color Contrast Check

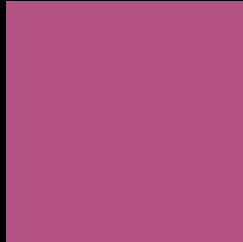
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.4750, 6.6678, 54.8344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

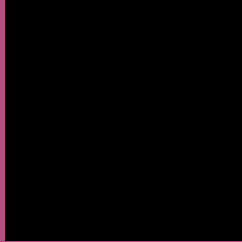
Any Text WCAG AA × Fail

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 116.4750, 6.6678, 54.8344 Background



This preview shows how black text looks on a background with the YUV color 116.4750, 6.6678, 54.8344.



This preview shows how white text looks on a background with the YUV color 116.4750, 6.6678,

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

116.4750, 6.6678, 54.8344

Protanopia

116.5270, 17.4882, -9.2322

Deuteranopia

117.3580, 3.7675, 4.9480



Tritanopia

115.8110, -9.7668, 52.7858

Trichromacy



Original Color

116.4750, 6.6678, 54.8344

Protanomaly

116.6440, 13.4865, 14.3442

Deuteranomaly

117.1090, 4.8763, 22.7064

Tritanomaly

115.7170, -3.8045, 53.7452

Monochromacy



Original Color

116.4750, 6.6678, 54.8344

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.4030, 2.2663, 19.8176

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.4750, 6.6678, 54.8344 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(179, 82, 130)` looks like.

```
.text, #text, p{  
    color:rgb(179, 82, 130)  
}
```

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(179, 82, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 82, 130) }
```

Border

The CSS property to change the border of an element to YUV 116.4750, 6.6678, 54.8344 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(179, 82, 130) }
```


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

```
.border{ border-color:rgb(179, 82, 130) }
```

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

Here you see how a box with a 4 pixel rgb(179, 82, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 82, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 82, 130);  
box-shadow:4px 4px 4px 4px rgb(179, 82,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 116.4750, 6.6678, 54.8344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 82, 130) }
```

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

```
.background{ background-color: rgb(179, 82,  
130) }
```

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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