

Converting Colors

YUV(112.3630, 16.5830,
47.9166)

Have a look what the booklet for
YUV(112.3630, 16.5830, 47.9166)
contains.

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Color

**YUV(112.3630, 16.5830,
47.9166)**

Conversions

Conversions Part 1

Format	Color
Hex	A74E92
RGB	167, 78, 146
RGB Percent	65%, 31%, 57%
CMY	0.3451, 0.6941, 0.4275
CMYK	0.00, 0.53, 0.13, 0.35
HSL	314°, 36%, 48%
HSV	314°, 53%, 65%
XYZ	23.8490, 15.7396, 28.9752
YIQ	112.3630, 31.2160, 40.0160

Conversions

Conversions Part 2

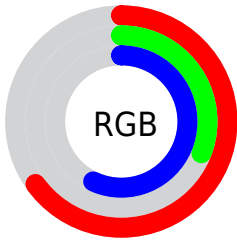
Format	Color
R _{YB}	167, 78, 146
Decimal	10964626
CIE _{Lab}	46.63, 45.40, -20.66
CIE _{LCh}	47, 49.883, 335.535
Yxy	15.7396, 0.3478, 0.2296
Android (android.graphics.Color)	4289154706 (0xFFA74E92)
YUV	112.3630, 16.5830, 47.9166
Hunter-Lab	39.6732, 37.8751, -15.5311

Details

The YUV color **112.3630, 16.5830, 47.9166** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **132.6370, -16.5830, -47.9166**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.6730, 16.4302, 50.2758**, and **58.4060, 18.0408, 47.0019** is the 20% darker color. If you saturate the color by 10%, you get **101.9280, 19.7555, 57.0681**, and if you desaturate by 10%, it is **122.7980, 13.4106, 38.7652**.

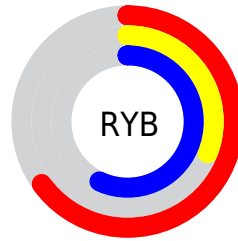
Distribution



Red (65%)

Green (31%)

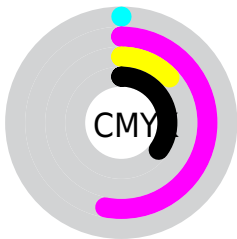
Blue (57%)



Red (65%)

Yellow (31%)

Blue (57%)

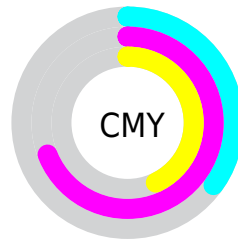


Cyan (0%)

Magenta (53%)

Yellow (13%)

Black (35%)



Cyan (35%)

Magenta (69%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.3630, 16.5830, 47.9166 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 112.3630, 16.5830, 47.9166 by changing the saturation by 10% instead.

112.3630, 16.5830,
47.9166

112.3630, 16.5830,
47.9166

255.0000, 0.0000,
0.0000

85.7650, 16.8779,
46.6871

166.6730, 16.4302,
50.2758

58.4060, 18.0408,
47.0019

194.3850, 16.5722,
51.4054

33.8080, 18.3357,
45.7724

213.9100, 20.2574,
36.0359

23.8250, 12.4113,
32.6025

230.9330, 11.8650,
21.1068

14.5540, 6.6289,
20.5621

247.9560, 3.4727,
6.1776

0.0000, 0.0000,
0.0000

■ 112.3630, 16.5830,
47.9166

■ 112.3630, 16.5830,
47.9166

■ 101.9280, 19.7555,
57.0681

■ 122.7980, 13.4106,
38.7652

■ 92.0800, 22.6386,
65.7048

■ 132.6460, 10.5275,
30.1285

■ 81.6450, 25.8110,
74.8563

■ 143.0810, 7.3551,
20.9770

■ 71.2100, 28.9835,
84.0078

■ 153.5160, 4.1826,
11.8255

■ 64.5250, 31.2932,
89.8706


■ 163.3640, 1.2995,
3.1888

■ 173.7990, -1.8729,
-5.9627

■ 184.2340, -5.0454,
-15.1142

■ 194.6690, -8.2178,

-24.2657

 204.4030,
-11.5377, -32.8024

Harmonies

Analogous

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



113.2360, 32.4217, 7.6860



112.3630, 16.5830, 47.9166



108.2610, -2.1007, 67.3001

Triad

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



112.3630, 16.5830, 47.9166



104.1280, -44.4331, 18.3047



93.7350, 31.6826, -82.2056

Complementary

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



112.3630, 16.5830, 47.9166



132.6370, -16.5830, -47.9166

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.



89.6480, 13.4845, -78.6213



112.3630, 16.5830, 47.9166



99.9370, -31.5209, -16.6077

Square

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



112.3630, 16.5830, 47.9166



107.4270, -37.6785, 45.2295



83.5720, -4.7190, -73.2926



93.9920, 45.3599, -82.4310

Rectangle

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



112.3630, 16.5830, 47.9166



107.5310, -15.0518, 67.9403



83.5720, -4.7190, -73.2926



92.8400, 25.7149, -81.4207

Sweetspot

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



112.3630, 16.5830, 47.9166



195.5430, 6.6343, 18.8178



94.4250, 35.7795, 4.0123



97.1030, 3.8932, 11.3107



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.



112.3630, 16.5830, 47.9166



131.6450, 25.8110, 74.8563



107.3470, -2.6361, 52.3157



79.0760, 1.4415, 4.3183



57.1340, 27.5419, 79.6895



7.8040, 4.0406, 10.6959

Inverse Universe

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



112.3630, 16.5830, 47.9166



131.6450, 25.8110, 74.8563



137.6530, 2.6361, -52.3157



79.0760, 1.4415, 4.3183



57.1340, 27.5419, 79.6895



7.8040, 4.0406, 10.6959

Previews

White Background



This preview shows how the YUV color 112.3630, 16.5830, 47.9166 looks on a white background.

Color Contrast Check

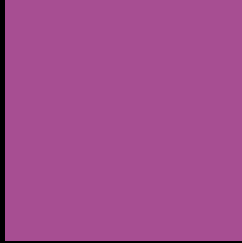
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.3630, 16.5830, 47.9166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

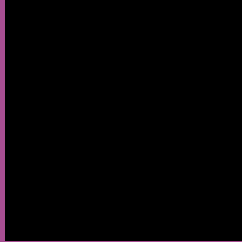
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.3630, 16.5830, 47.9166

Background



This preview shows how black text looks on a background with the YUV color 112.3630, 16.5830, 47.9166.



This preview shows how white text looks on a background with the YUV color 112.3630, 16.5830,

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

112.3630, 16.5830, 47.9166

Protanopia

109.9740, 29.5928, -18.3942

Deuteranopia

111.7510, 14.4198, -5.0436



Tritanopia

112.2120, -7.9925, 43.6641

Trichromacy



Original Color

112.3630, 16.5830, 47.9166

Protanomaly

110.8630, 24.7175, 5.3821

Deuteranomaly

112.1000, 15.2337, 13.9443

Tritanomaly

112.5140, 0.7326, 45.1532

Monochromacy



Original Color

112.3630, 16.5830, 47.9166

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.3040, 5.7661, 17.2734

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.3630, 16.5830, 47.9166 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, 78, 146)` looks like.

```
.text, #text, p{  
    color:rgb(167, 78, 146)  
}
```

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, 78, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 78, 146) }
```

Border

The CSS property to change the border of an element to YUV 112.3630, 16.5830, 47.9166 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, 78, 146) }
```


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

```
.border{ border-color:rgb(167, 78, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 78, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 78, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 78, 146);  
box-shadow:4px 4px 4px 4px rgb(167, 78,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 112.3630, 16.5830, 47.9166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 78, 146) }
```

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

```
.background{ background-color: rgb(167, 78,  
146) }
```

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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