

Converting Colors

YUV(112.0360, 45.8313,
-0.0316)

Have a look what the booklet for
YUV(112.0360, 45.8313, -0.0316)
contains.

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Color

**YUV(112.0360, 45.8313,
-0.0316)**

Conversions

Conversions Part 1

Format	Color
Hex	705ECD
RGB	112, 94, 205
RGB Percent	44%, 37%, 80%
CMY	0.5608, 0.6314, 0.1961
CMYK	0.45, 0.54, 0.00, 0.20
HSL	250°, 53%, 59%
HSV	250°, 54%, 80%
XYZ	21.7042, 15.8579, 59.6746
YIQ	112.0360, -24.9030, 38.3370

Conversions

Conversions Part 2

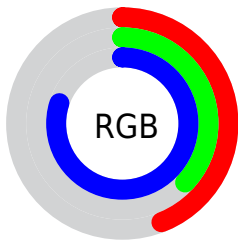
Format	Color
R_{YB}	112, 94, 205
Decimal	7364301
CIE Lab	46.79, 34.98, -55.42
CIE LCh	47, 65.532, 302.259
Yxy	15.8579, 0.2232, 0.1631
Android (android.graphics.Color)	4285554381 (0xFF705ECD)
YUV	112.0360, 45.8313, -0.0316
Hunter-Lab	39.8220, 27.5995, -60.9725

Details

The YUV color **112.0360, 45.8313, -0.0316** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted purple. A complement of this color would be **186.9640, -45.8313, 0.0316**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.7160, 44.5100, 3.7571**, and **60.8350, 43.9583, -5.9943** is the 20% darker color. If you saturate the color by 10%, you get **94.6260, 54.4144, 0.3280**, and if you desaturate by 10%, it is **129.4460, 37.2481, -0.3911**.

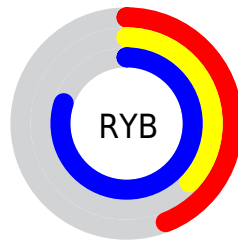
Distribution



Red (44%)

Green (37%)

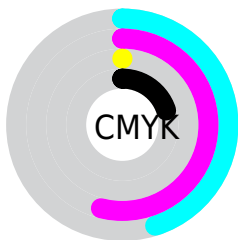
Blue (80%)



Red (44%)

Yellow (37%)

Blue (80%)

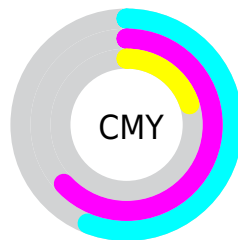


Cyan (45%)

Magenta (54%)

Yellow (0%)

Black (20%)



Cyan (56%)

Magenta (63%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.0360, 45.8313, -0.0316 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 112.0360, 45.8313, -0.0316 by changing the saturation by 10% instead.

■ 112.0360, 45.8313,
-0.0316

■ 112.0360, 45.8313,
-0.0316

255.0000, 0.0000,
0.0000

■ 86.3840, 44.6737,
-2.0908

■ 164.7160, 44.5100,
3.7571

■ 60.8350, 43.9583,
-5.9943

■ 189.2360, 32.4217,
7.6860

■ 33.4810, 44.1329,
-15.3308

■ 213.7560, 20.3333,
11.6150

■ 14.1070, 41.3592,
-12.3718

■ 238.5640, 8.1029,
14.4144

■ 8.3220, 31.8863,
-7.2984

■ 8.0480, 20.6823,
-7.0581

■ 3.7790, 11.9410,

-3.3142

■ 0.0000, 0.0000,
0.0000

■ 112.0360, 45.8313,
-0.0316

■ 112.0360, 45.8313,
-0.0316

■ 94.6260, 54.4144,
0.3280

■ 129.4460, 37.2481,
-0.3911

■ 77.8030, 62.7081,
0.1728

■ 146.2690, 28.9544,
-0.2359

■ 60.0940, 71.4387,
-0.0824

■ 163.9780, 20.2238,
0.0193

■ 43.2710, 79.7324,
-0.2377

■ 180.8010, 11.9301,
0.1745

■ 33.2370, 84.6792,
-0.2078

■ 198.2110, 3.3470,
-0.1850

■ 215.0340, -4.9468,
-0.0298

■ 232.4440,
-13.5299, -0.3894

■ 247.5060,
-20.9555, 1.3102

■ 249.3000,
-21.8399, 4.9989

Harmonies

Analogous

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



93.9870, 63.1104, -82.4266



112.0360, 45.8313, -0.0316



109.6710, 26.2912, 60.8015

Triad

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



112.0360, 45.8313, -0.0316



103.3830, -50.9678, 61.0541



92.2410, 10.7272, -80.8954

Complementary

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



112.0360, 45.8313, -0.0316



186.9640, -45.8313, 0.0316

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.



83.8680, -13.7389, -73.5522



112.0360, 45.8313, -0.0316



103.7390, -51.1433, 23.9079

Square

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



112.0360, 45.8313, -0.0316



101.1160, -22.2422, 87.5983



94.9140, -46.7926, -18.3416



98.5110, 34.7511, -86.3941

Rectangle

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



112.0360, 45.8313, -0.0316



101.9810, 12.8274, 85.9627



94.9140, -46.7926, -18.3416



89.3740, 2.2806, -78.3810

Sweetspot

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



112.0360, 45.8313, -0.0316



220.7670, 16.8769, 0.2043



161.8320, 21.2818, -59.4887



107.0460, 10.3303, -0.0403



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.



112.0360, 45.8313, -0.0316



115.9970, 68.5285, 0.0026



128.1820, 37.8713, 33.1664



93.4390, 4.2206, -0.3850



26.9970, 68.5285, 0.0026



6.1260, 15.7139, -0.1105

Inverse Universe

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



137.7910, 24.2600, 58.9423



154.4800, 36.2454, 88.1560



170.8180, -37.8713, -33.1664



95.9020, 2.0203, 5.3479



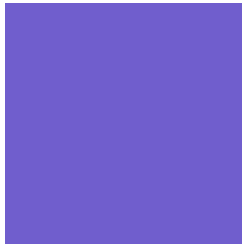
65.4800, 36.2454, 88.1560



15.0100, 8.3761, 20.1622

Previews

White Background



This preview shows how the YUV color 112.0360, 45.8313, -0.0316 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 112.0360, 45.8313, -0.0316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

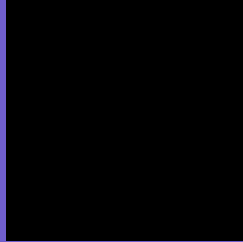
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.0360, 45.8313, -0.0316

Background



This preview shows how black text looks on a background with the YUV color 112.0360, 45.8313, -0.0316.



This preview shows how white text looks on a background with the YUV color 112.0360, 45.8313, -0.0316.

-0.0316.

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

112.0360, 45.8313, -0.0316

Protanopia

99.7350, 58.7976, -52.3876

Deuteranopia

89.1310, 54.6584, -78.1679



Tritanopia

108.5510, 7.6164, -16.2692

Trichromacy



Original Color

112.0360, 45.8313, -0.0316

Protanomaly

104.0040, 54.2280, -33.3295

Deuteranomaly

97.5090, 51.5141, -49.5584

Tritanomaly

109.5530, 21.4194, -10.1320

Monochromacy



Original Color

112.0360, 45.8313, -0.0316

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.7670, 16.8769, 0.2043

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.0360, 45.8313, -0.0316 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(112, 94, 205)` looks like.

```
.text, #text, p{  
    color:rgb(112, 94, 205)  
}
```

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(112, 94, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 94, 205) }
```

Border

The CSS property to change the border of an element to YUV 112.0360, 45.8313, -0.0316 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(112, 94, 205) }
```


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

```
.border{ border-color:rgb(112, 94, 205) }
```

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

Here you see how a box with a 4 pixel rgb(112, 94, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 94, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 94, 205);  
box-shadow:4px 4px 4px 4px rgb(112, 94,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 112.0360, 45.8313, -0.0316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 94, 205) }
```

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

```
.background{ background-color: rgb(112, 94,  
205) }
```

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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