

Converting Colors

YUV(111.6810, 11.0033,
64.3008)

Have a look what the booklet for
YUV(111.6810, 11.0033, 64.3008)
contains.

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Color

**YUV(111.6810, 11.0033,
64.3008)**

Conversions

Conversions Part 1

Format	Color
Hex	B94686
RGB	185, 70, 134
RGB Percent	73%, 27%, 53%
CMY	0.2745, 0.7255, 0.4745
CMYK	0.00, 0.62, 0.28, 0.27
HSL	327°, 45%, 50%
HSV	327°, 62%, 73%
XYZ	26.5008, 16.4158, 24.3261
YIQ	111.6810, 47.9960, 44.2840

Conversions

Conversions Part 2

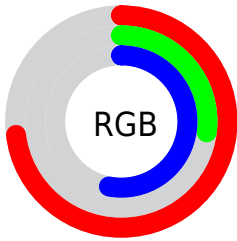
Format	Color
RYB	185, 70, 134
Decimal	12142214
CIELab	47.52, 52.87, -11.85
CIELCh	48, 54.184, 347.369
Yxy	16.4158, 0.3941, 0.2441
Android (android.graphics.Color)	4290332294 (0xFFB94686)
YUV	111.6810, 11.0033, 64.3008
Hunter-Lab	40.5165, 45.8486, -7.2362

Details

The YUV color **111.6810, 11.0033, 64.3008** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **143.3190, -11.0033, -64.3008**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.0620, 9.8294, 67.4746**, and **48.4350, 17.5335, 69.7785** is the 20% darker color. If you saturate the color by 10%, you get **100.2030, 12.7179, 74.3670**, and if you desaturate by 10%, it is **123.7460, 8.9992, 53.7198**.

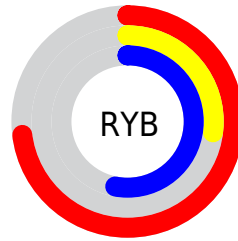
Distribution



Red (73%)

Green (27%)

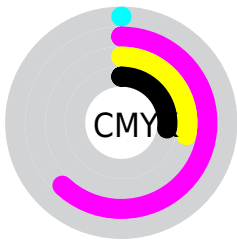
Blue (53%)



Red (73%)

Yellow (27%)

Blue (53%)

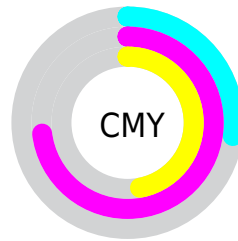


Cyan (0%)

Magenta (62%)

Yellow (28%)

Black (27%)



Cyan (27%)

Magenta (73%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.6810, 11.0033, 64.3008 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 111.6810, 11.0033, 64.3008 by changing the saturation by 10% instead.

■ 111.6810, 11.0033,
64.3008

■ 111.6810, 11.0033,
64.3008

■ 255.0000, 0.0000,
0.0000

■ 83.1370, 12.7505,
63.9009

■ 167.0620, 9.8294,
67.4746

■ 48.4350, 17.5335,
69.7785

■ 189.9790, 12.3354,
57.0234

■ 37.1530, 11.7566,
55.9938

■ 209.6070, 16.4627,
39.8097

■ 26.5720, 6.1270,
41.5944

■ 227.9980, 13.3120,
23.6808

■ 16.7030, 0.6394,
28.3245

■ 245.0210, 4.9196,
8.7516

■ 0.0000, 0.0000,
0.0000

111.6810, 11.0033,
64.3008

111.6810, 11.0033,
64.3008

100.2030, 12.7179,
74.3670

123.7460, 8.9992,
53.7198

88.1380, 14.7220,
84.9480

135.2240, 7.2846,
43.6536

75.9590, 16.2892,
95.6290

147.4030, 5.7173,
32.9726

67.0570, 17.7199,
103.4360

158.8810, 4.0027,
22.9064

170.9460, 1.9986,
12.3254

182.4240, 0.2840,
2.2592

194.4890, -1.7201,
-8.3219

206.0810, -2.9979,

-18.4880

 218.1460, -5.0020,
-29.0690

Harmonies

Analogous

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



115.8580, 29.1570, 28.1885



111.6810, 11.0033, 64.3008



107.9540, -9.8373, 75.4623

Triad

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



111.6810, 11.0033, 64.3008



103.3130, -48.4683, 5.8645



97.3030, 40.2766, -85.3347

Complementary

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



111.6810, 11.0033, 64.3008



143.3190, -11.0033, -64.3008

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.



94.5040, 21.9365, -82.8800



111.6810, 11.0033, 64.3008



96.5260, -24.9093, -37.2953

Square

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



111.6810, 11.0033, 64.3008



107.1090, -48.8607, 38.4924



88.4450, 1.2596, -77.5663



95.2290, 52.6381, -83.5158

Rectangle

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



111.6810, 11.0033, 64.3008



108.8380, -24.0771, 69.4251



88.4450, 1.2596, -77.5663



97.1090, 34.4563, -85.1646

Sweetspot

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



111.6810, 11.0033, 64.3008



210.7180, 4.5760, 25.6803



98.0600, 42.8614, 19.2414



102.1960, 2.8614, 15.6141



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



111.6810, 11.0033, 64.3008



125.2200, 17.1465, 100.6621



105.2970, -13.4574, 69.8995



86.2610, 0.8573, 5.0331



56.5620, 15.0059, 87.2071



10.1960, 2.8614, 15.6141

Inverse Universe

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



111.6810, 11.0033, 64.3008



125.2200, 17.1465, 100.6621



149.7030, 13.4574, -69.8995



86.2610, 0.8573, 5.0331



56.5620, 15.0059, 87.2071



10.1960, 2.8614, 15.6141

Previews

White Background



This preview shows how the YUV color 111.6810, 11.0033, 64.3008 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 111.6810, 11.0033, 64.3008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

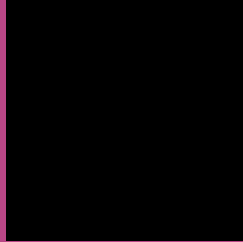
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.6810, 11.0033, 64.3008

Background



This preview shows how black text looks on a background with the YUV color 111.6810, 11.0033, 64.3008.



This preview shows how white text looks on a background with the YUV color 111.6810, 11.0033,

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

111.6810, 11.0033, 64.3008

Protanopia

113.4430, 24.9246, -14.4205

Deuteranopia

114.4440, 6.6831, 3.1186



Tritanopia

111.5840, -12.1199, 60.8778

Trichromacy



Original Color

111.6810, 11.0033, 64.3008

Protanomaly

112.9520, 19.7437, 14.0741

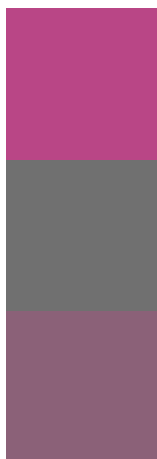
Deuteranomaly

113.0430, 8.3598, 25.3953

Tritanomaly

111.4730, -3.6842, 61.8522

Monochromacy



Original Color

111.6810, 11.0033, 64.3008

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.1800, 3.8553, 23.5211

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.6810, 11.0033, 64.3008 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(185, 70, 134)` looks like.

```
.text, #text, p{  
    color:rgb(185, 70, 134)  
}
```

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(185, 70, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 70, 134) }
```

Border

The CSS property to change the border of an element to YUV 111.6810, 11.0033, 64.3008 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(185, 70, 134) }
```


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

```
.border{ border-color:rgb(185, 70, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 70, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 70, 134); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 70, 134); box-shadow:4px 4px 4px 4px rgb(185, 70, 134) }
```

Background

The CSS property to change the background color of an element to YUV 111.6810, 11.0033, 64.3008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 70, 134) }
```

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

```
.background{ background-color: rgb(185, 70,  
134) }
```

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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