

Converting Colors

YUV(112.7670, 13.9189,
62.4713)

Have a look what the booklet for
YUV(112.7670, 13.9189, 62.4713)
contains.

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Color

**YUV(112.7670, 13.9189,
62.4713)**

Conversions

Conversions Part 1

Format	Color
Hex	B8478D
RGB	184, 71, 141
RGB Percent	72%, 28%, 55%
CMY	0.2784, 0.7216, 0.4471
CMYK	0.00, 0.61, 0.23, 0.28
HSL	323°, 44%, 50%
HSV	323°, 61%, 72%
XYZ	26.8281, 16.6199, 26.9933
YIQ	112.7670, 44.8780, 45.7260

Conversions

Conversions Part 2

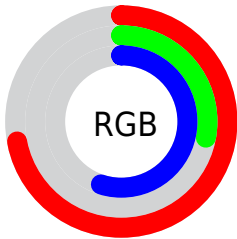
Format	Color
RYB	184, 71, 141
Decimal	12076941
CIELab	47.78, 53.08, -15.68
CIELCh	48, 55.349, 343.544
Yxy	16.6199, 0.3809, 0.2359
Android (android.graphics.Color)	4290267021 (0xFFB8478D)
YUV	112.7670, 13.9189, 62.4713
Hunter-Lab	40.7675, 46.1234, -10.7202

Details

The YUV color **112.7670, 13.9189, 62.4713** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **142.2330, -13.9189, -62.4713**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.2620, 13.1818, 65.5452**, and **50.4070, 20.0123, 68.0491** is the 20% darker color. If you saturate the color by 10%, you get **101.4030, 16.0703, 72.4376**, and if you desaturate by 10%, it is **124.1310, 11.7674, 52.5051**.

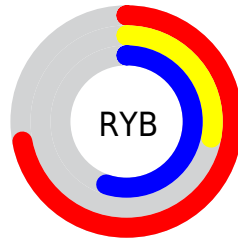
Distribution



Red (72%)

Green (28%)

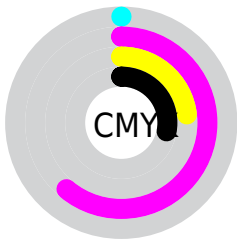
Blue (55%)



Red (72%)

Yellow (28%)

Blue (55%)

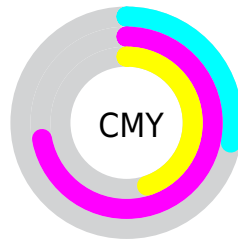


Cyan (0%)

Magenta (61%)

Yellow (23%)

Black (28%)



Cyan (28%)

Magenta (72%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.7670, 13.9189, 62.4713 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 112.7670, 13.9189, 62.4713 by changing the saturation by 10% instead.

■ 112.7670, 13.9189,
62.4713

■ 112.7670, 13.9189,
62.4713

■ 255.0000, 0.0000,
0.0000

■ 84.6960, 14.9399,
61.6566

■ 168.2620, 13.1818,
65.5452

■ 50.4070, 20.0123,
68.0491

■ 191.4780, 15.5403,
55.7088

■ 37.5380, 14.5248,
54.7792

■ 211.1060, 19.6677,
38.4950

■ 26.9570, 8.8952,
40.3797

■ 227.9980, 13.3120,
23.6808

■ 17.3870, 3.2602,
27.7246

■ 245.6080, 4.6303,
8.2368

■ 0.2990, -0.1474,
0.6148

■ 0.0000, 0.0000,

0.0000

■ 112.7670, 13.9189,
62.4713

■ 112.7670, 13.9189,
62.4713

■ 101.4030, 16.0703,
72.4376

■ 124.1310, 11.7674,
52.5051

■ 89.4520, 18.5112,
82.9186

■ 136.0820, 9.3266,
42.0241

■ 78.0880, 20.6626,
92.8848

■ 147.4460, 7.1751,
32.0579

■ 68.0120, 22.6721,
101.7215

■ 159.3970, 4.7343,
21.5768

■ 170.7610, 2.5828,
11.6106

■ 182.1250, 0.4314,
1.6444

■ 194.0760, -2.0095,
-8.8367

■ 205.4400, -4.1609,
-18.8029

■ 217.3910, -6.6018,
-29.2839

Harmonies

Analogous

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



116.6230, 32.2309, 22.2556



112.7670, 13.9189, 62.4713



108.3610, -7.0800, 77.7364

Triad

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



112.7670, 13.9189, 62.4713



103.9500, -51.2473, 10.5679



98.2490, 38.8242, -86.1644

Complementary

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



112.7670, 13.9189, 62.4713



142.2330, -13.9189, -62.4713

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.



94.5210, 19.4631, -82.8949



112.7670, 13.9189, 62.4713



98.1200, -29.1462, -31.6772

Square

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



112.7670, 13.9189, 62.4713



107.9570, -48.2928, 43.0107



87.7610, -1.3612, -76.9664



97.1040, 52.2067, -85.1602

Rectangle

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



112.7670, 13.9189, 62.4713



108.7290, -22.0514, 73.0287



87.7610, -1.3612, -76.9664



97.3540, 32.8565, -85.3795

Sweetspot

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



112.7670, 13.9189, 62.4713



212.8210, 5.0182, 23.8360



96.1410, 43.3145, 13.9083



103.0110, 3.4456, 14.8994



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.



112.7670, 13.9189, 62.4713



127.7620, 21.8093, 98.4327



106.4970, -10.1050, 67.9701



86.2610, 0.8573, 5.0331



57.5880, 18.9371, 86.3073



10.3100, 3.2982, 15.5141

Inverse Universe

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



112.7670, 13.9189, 62.4713



127.7620, 21.8093, 98.4327



148.5030, 10.1050, -67.9701



86.2610, 0.8573, 5.0331



57.5880, 18.9371, 86.3073



10.3100, 3.2982, 15.5141

Previews

White Background



This preview shows how the YUV color 112.7670, 13.9189, 62.4713 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 112.7670, 13.9189, 62.4713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

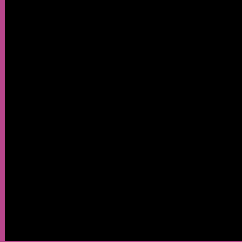
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 112.7670, 13.9189, 62.4713

Background



This preview shows how black text looks on a background with the YUV color 112.7670, 13.9189, 62.4713.



This preview shows how white text looks on a background with the YUV color 112.7670, 13.9189,

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

112.7670, 13.9189, 62.4713

Protanopia

113.3440, 28.4244, -16.9647

Deuteranopia

114.9320, 9.8935, 0.0596



Tritanopia

112.9750, -11.8197, 57.9039

Trichromacy



Original Color

112.7670, 13.9189, 62.4713

Protanomaly

113.1520, 23.0961, 12.1447

Deuteranomaly

113.8300, 11.4228, 22.9511

Tritanomaly

112.8040, -2.3684, 59.8079

Monochromacy



Original Color

112.7670, 13.9189, 62.4713

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.1090, 4.8763, 22.7064

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.7670, 13.9189, 62.4713 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(184, 71, 141)` looks like.

```
.text, #text, p{  
    color:rgb(184, 71, 141)  
}
```

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(184, 71, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 71, 141) }
```

Border

The CSS property to change the border of an element to YUV 112.7670, 13.9189, 62.4713 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(184, 71, 141) }
```


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

```
.border{ border-color:rgb(184, 71, 141) }
```

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

Here you see how a box with a 4 pixel rgb(184, 71, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 71, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 71, 141);  
box-shadow:4px 4px 4px 4px rgb(184, 71,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 112.7670, 13.9189, 62.4713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 71, 141) }
```

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

```
.background{ background-color: rgb(184, 71,  
141) }
```

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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