

# Converting Colors

YUV(119.5660, 12.0460,  
56.5086)

Have a look what the booklet for  
YUV(119.5660, 12.0460, 56.5086)  
contains.

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# Color

**YUV(119.5660, 12.0460,  
56.5086)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B85290
RGB	184, 82, 144
RGB Percent	72%, 32%, 56%
CMY	0.2784, 0.6784, 0.4353
CMYK	0.00, 0.55, 0.22, 0.28
HSL	324°, 42%, 52%
HSV	324°, 55%, 72%
XYZ	27.8185, 18.2386, 28.4398
YIQ	119.5660, 40.8900, 40.9060

# Conversions

## Conversions Part 2

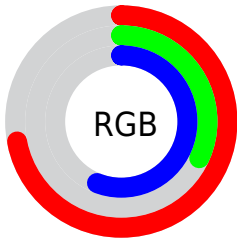
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	184, 82, 144
Decimal	12079760
CIE <sub>Lab</sub>	49.78, 48.42, -14.42
CIE <sub>LCh</sub>	50, 50.523, 343.411
Yxy	18.2386, 0.3734, 0.2448
Android (android.graphics.Color)	4290269840 (0xFFB85290)
YUV	119.5660, 12.0460, 56.5086
Hunter-Lab	42.7066, 41.5359, -9.5885

# Details

The YUV color **119.5660, 12.0460, 56.5086** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **146.4340, -12.0460, -56.5086**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.1750, 11.7457, 59.4825**, and **64.2500, 14.6668, 55.9087** is the 20% darker color. If you saturate the color by 10%, you get **108.2020, 14.1974, 66.4748**, and if you desaturate by 10%, it is **130.9300, 9.8945, 46.5424**.

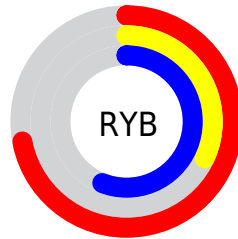
# Distribution



Red (72%)

Green (32%)

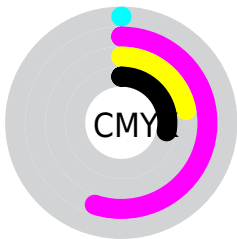
Blue (56%)



Red (72%)

Yellow (32%)

Blue (56%)

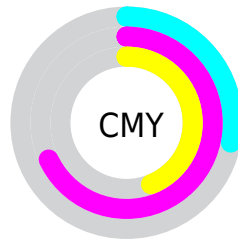


Cyan (0%)

Magenta (55%)

Yellow (22%)

Black (28%)



Cyan (28%)

Magenta (68%)


Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 119.5660, 12.0460, 56.5086 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 119.5660, 12.0460, 56.5086 by changing the saturation by 10% instead.




 119.5660, 12.0460,  
56.5086

 119.5660, 12.0460,  
56.5086


255.0000, 0.0000,  
0.0000


 92.3810, 12.6302,  
55.7939

 174.1750, 11.7457,  
59.4825


 64.2500, 14.6668,  
55.9087

 197.6900, 13.9568,  
50.2609


 38.1790, 15.6878,  
55.0940


 217.4320, 18.5210,  
32.9471

 27.4840, 9.6214,  
40.7945

 233.8680, 10.4181,  
18.5328

 18.6260, 4.1284,  
29.2690

 251.4780, 1.7363,  
3.0888

 3.2890, -1.6215,  
6.7625

 0.0000, 0.0000,

0.0000

■ 119.5660, 12.0460,  
56.5086

■ 119.5660, 12.0460,  
56.5086

■ 108.2020, 14.1974,  
66.4748

■ 130.9300, 9.8945,  
46.5424

■ 96.2510, 16.6383,  
76.9559

■ 142.8810, 7.4537,  
36.0614

■ 84.7730, 18.3529,  
87.0221

■ 154.3590, 5.7390,  
25.9952

■ 72.8220, 20.7938,  
97.5031

■ 166.3100, 3.2982,  
15.5141

■ 67.7840, 21.7985,  
101.9214

■ 177.6740, 1.1467,  
5.5479

■ 189.0380, -1.0047,  
-4.4183

■ 201.1030, -3.0088,  
-14.9993

■ 212.4670, -5.1602,  
-24.9656

■ 224.4180, -7.6011,  
-35.4466

# Harmonies

## Analogous

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



122.1020, 29.0367, 20.0815



119.5660, 12.0460, 56.5086



116.2030, -7.4951, 70.8590

# Triad

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



119.5660, 12.0460, 56.5086



111.2410, -42.5168, 10.3126



100.4830, 37.2299, -88.1236

# Complementary

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



119.5660, 12.0460, 56.5086



146.4340, -12.0460, -56.5086

# 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.



97.2110, 19.6160, -85.2540



119.5660, 12.0460, 56.5086



105.5380, -26.3942, -27.6588

# Square

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



119.5660, 12.0460, 56.5086



114.7700, -41.2986, 39.6667



90.9070, 0.5388, -79.7254



99.2240, 50.1756, -87.0194



# Rectangle

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



119.5660, 12.0460, 56.5086



115.7390, -20.5773, 66.8809



90.9070, 0.5388, -79.7254



99.8160, 32.1357, -87.5386

# Sweetspot

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



119.5660, 12.0460, 56.5086



214.1090, 4.8763, 22.7064



105.2890, 38.8045, 13.7785



104.7720, 2.5774, 13.3550



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.



119.5660, 12.0460, 56.5086



138.3110, 19.0737, 89.1813



113.8660, -9.7939, 61.5075



86.2610, 0.8573, 5.0331



57.4740, 18.5003, 86.4073



10.3100, 3.2982, 15.5141



# Inverse Universe

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



119.5660, 12.0460, 56.5086



138.3110, 19.0737, 89.1813



152.1340, 9.7939, -61.5075



86.2610, 0.8573, 5.0331



57.4740, 18.5003, 86.4073



10.3100, 3.2982, 15.5141



# Previews

## White Background



This preview shows how the YUV color 119.5660, 12.0460, 56.5086 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

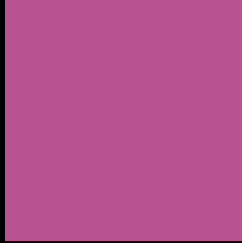
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 119.5660, 12.0460, 56.5086 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

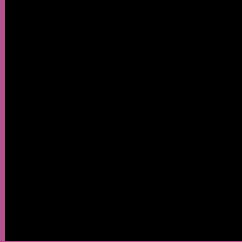
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 119.5660, 12.0460, 56.5086 Background



This preview shows how black text looks on a background with the YUV color 119.5660, 12.0460, 56.5086.



This preview shows how white text looks on a background with the YUV color 119.5660, 12.0460,



# 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

119.5660, 12.0460, 56.5086

### Protanopia

118.8560, 25.2140, -13.9057

### Deuteranopia

120.0030, 8.8725, 0.8744



## Tritanopia

119.1100, -9.9142, 53.4005

# Trichromacy



## Original Color

119.5660, 12.0460, 56.5086

## Protanomaly

118.8700, 20.7701, 11.5150

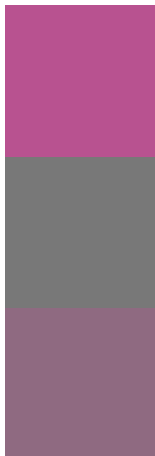
## Deuteranomaly

120.0640, 9.8284, 20.9919

## Tritanomaly

118.8850, -1.9153, 54.4749

# Monochromacy



## Original Color

119.5660, 12.0460, 56.5086

## Achromatopsia

120.0000, 0.0000, 0.0000

## Achromatomaly

119.6850, 4.5923, 20.4473

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 119.5660, 12.0460, 56.5086 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, 82, 144)` looks like.

```
.text, #text, p{  
    color:rgb(184, 82, 144)  
}
```

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, 82, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 82, 144) }
```

## Border

The CSS property to change the border of an element to YUV 119.5660, 12.0460, 56.5086 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, 82, 144) }
```



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

```
.border{ border-color:rgb(184, 82, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 82, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 82, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 82, 144);  
box-shadow:4px 4px 4px 4px rgb(184, 82,  
144) }
```

# Background

The CSS property to change the background color of an element to YUV 119.5660, 12.0460, 56.5086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 82, 144) }
```

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

```
.background{ background-color: rgb(184, 82,  
144) }
```

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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