

# Converting Colors

YUV(110.5690, 4.1565, 67.0300)

Have a look what the booklet for  
YUV(110.5690, 4.1565, 67.0300)  
contains.

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# Color

**YUV(110.5690, 4.1565,  
67.0300)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BB4677
RGB	187, 70, 119
RGB Percent	73%, 27%, 47%
CMY	0.2667, 0.7255, 0.5333
CMYK	0.00, 0.63, 0.36, 0.27
HSL	335°, 46%, 50%
HSV	335°, 63%, 73%
XYZ	26.0134, 16.2770, 19.2235
YIQ	110.5690, 54.0030, 40.0430

# Conversions

## Conversions Part 2

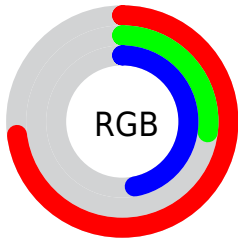
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	187, 70, 119
Decimal	12273271
CIE <sub>Lab</sub>	47.34, 51.63, -3.00
CIE <sub>LCh</sub>	47, 51.719, 356.676
Yxy	16.2770, 0.4229, 0.2646
Android (android.graphics.Color)	4290463351 (0xFFBB4677)
YUV	110.5690, 4.1565, 67.0300
Hunter-Lab	40.3448, 44.4896, -0.0091

# Details

The YUV color **110.5690, 4.1565, 67.0300** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **146.4310, -4.1565, -67.0300**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.8360, 2.5459, 70.3038**, and **48.1380, 11.2710, 71.7930** is the 20% darker color. If you saturate the color by 10%, you get **98.1620, 4.8501, 77.9109**, and if you desaturate by 10%, it is **122.9760, 3.4628, 56.1490**.

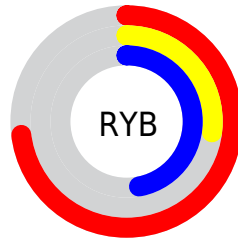
# Distribution



Red (73%)

Green (27%)

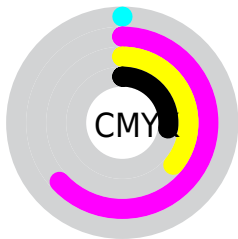
Blue (47%)



Red (73%)

Yellow (27%)

Blue (47%)

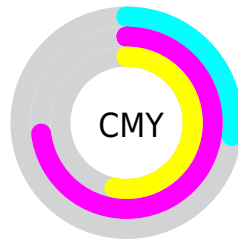


Cyan (0%)

Magenta (63%)

Yellow (36%)

Black (27%)



Cyan (27%)

Magenta (73%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 110.5690, 4.1565, 67.0300 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 110.5690, 4.1565, 67.0300 by changing the saturation by 10% instead.




 110.5690, 4.1565,  
67.0300


 110.5690, 4.1565,  
67.0300

255.0000, 0.0000,  
0.0000

 82.6120, 5.6143,  
66.1153


 165.8360, 2.5459,  
70.3038


 48.1380, 11.2710,  
71.7930


 188.0410, 4.9098,  
58.7230


 35.9700, 5.9308,  
57.9083

 207.6690, 9.0372,  
41.5093

 25.3180, 1.3222,  
42.6941

 227.4110, 13.6014,  
24.1956

 15.1780, -6.4968,  
30.5389

 244.4340, 5.2090,  
9.2664

 0.0000, 0.0000,  
0.0000

110.5690, 4.1565,  
67.0300

110.5690, 4.1565,  
67.0300

98.1620, 4.8501,  
77.9109

122.9760, 3.4628,  
56.1490

86.3420, 5.2544,  
88.2771

134.7960, 3.0586,  
45.7829

73.9350, 5.9480,  
99.1580

147.2030, 2.3649,  
34.9020

64.8050, 6.5051,  
107.1650

159.4960, 1.2345,  
24.1210

171.3160, 0.8302,  
13.7549

183.7230, 0.1366,  
2.8739

196.1300, -0.5571,  
-8.0070

208.5370, -1.2507,

-18.8879

■ 220.3570, -1.6550,  
-29.2541

# Harmonies

## Analogous

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



114.9150, 22.7199, 39.5395



110.5690, 4.1565, 67.0300



108.6130, -16.0782, 70.4994

# Triad

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



110.5690, 4.1565, 67.0300



102.4670, -38.6842, -5.6716



96.2260, 43.7656, -84.3902

# Complementary

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



110.5690, 4.1565, 67.0300



146.4310, -4.1565, -67.0300

# 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.



94.5840, 27.3201, -82.9502



110.5690, 4.1565, 67.0300



91.7610, -14.6722, -54.1644

# Square

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



110.5690, 4.1565, 67.0300



106.3850, -47.5178, 27.7264



89.5680, 8.1010, -78.5511



92.5390, 52.4853, -81.1567



# Rectangle

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



110.5690, 4.1565, 67.0300



109.1160, -29.1442, 61.2883



89.5680, 8.1010, -78.5511



96.2600, 38.8188, -84.4200

# Sweetspot

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



110.5690, 4.1565, 67.0300



211.9200, 1.5184, 26.3802



103.0720, 41.3765, 28.8779



103.7400, 1.1142, 16.0140



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000



# Same Dimension

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



110.5690, 4.1565, 67.0300



123.7830, 6.5160, 103.6763



109.6790, -19.5617, 67.8105



88.1470, 0.4205, 5.1331



54.7660, 5.5384, 90.5362



10.7510, 1.1088, 17.7584



# Inverse Universe

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



110.5690, 4.1565, 67.0300



123.7830, 6.5160, 103.6763



147.3210, 19.5617, -67.8105



88.1470, 0.4205, 5.1331



54.7660, 5.5384, 90.5362



10.7510, 1.1088, 17.7584



# Previews

## White Background



This preview shows how the YUV color 110.5690, 4.1565, 67.0300 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

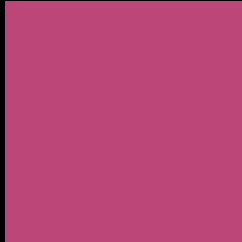
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 110.5690, 4.1565, 67.0300 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

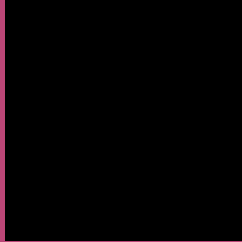
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 110.5690, 4.1565, 67.0300

## Background



This preview shows how black text looks on a background with the YUV color 110.5690, 4.1565, 67.0300.



This preview shows how white text looks on a background with the YUV color 110.5690, 4.1565,



# 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

110.5690, 4.1565, 67.0300

### Protanopia

113.4840, 16.0304, -8.3175

### Deuteranopia

113.9410, -0.4639, 8.8217



## Tritanopia

110.2640, -13.4412, 64.6665

# Trichromacy



## Original Color

110.5690, 4.1565, 67.0300

## Protanomaly

112.5090, 11.5811, 18.8476

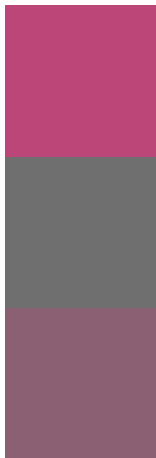
## Deuteranomaly

112.8280, 1.0708, 29.9688

## Tritanomaly

110.2840, -7.0420, 65.5259

# Monochromacy



## Original Color

110.5690, 4.1565, 67.0300

## Achromatopsia

111.0000, 0.0000, 0.0000

## Achromatomaly

110.9090, 1.5239, 24.6358

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 110.5690, 4.1565, 67.0300 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(187, 70, 119)` looks like.

```
.text, #text, p{  
    color:rgb(187, 70, 119)  
}
```

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(187, 70, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 70, 119) }
```

## Border

The CSS property to change the border of an element to YUV 110.5690, 4.1565, 67.0300 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(187, 70, 119) }
```



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

```
.border{ border-color:rgb(187, 70, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 70, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 70, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 70, 119);  
box-shadow:4px 4px 4px 4px rgb(187, 70,  
119) }
```

# Background

The CSS property to change the background color of an element to YUV 110.5690, 4.1565, 67.0300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 70, 119) }
```

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

```
.background{ background-color: rgb(187, 70,  
119) }
```

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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