

# Converting Colors

YUV(160.5070, 11.5820,  
65.3304)

Have a look what the booklet for  
YUV(160.5070, 11.5820, 65.3304)  
contains.

<b>YUV(160.5070, 11.5820, 65.3304)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(160.5070, 11.5820,  
65.3304)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB76B8
RGB	235, 118, 184
RGB Percent	92%, 46%, 72%
CMY	0.0784, 0.5373, 0.2784
CMYK	0.00, 0.50, 0.22, 0.08
HSL	326°, 75%, 69%
HSV	326°, 50%, 92%
XYZ	49.3911, 34.0797, 49.3222
YIQ	160.5070, 48.5460, 45.3300

# Conversions

## Conversions Part 2

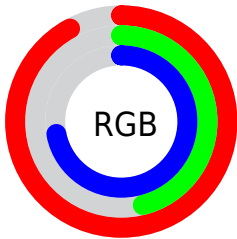
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	235, 118, 184
Decimal	15431352
CIE Lab	65.03, 52.73, -13.90
CIE LCh	65, 54.534, 345.233
Yxy	34.0797, 0.3719, 0.2566
Android (android.graphics.Color)	4293621432 (0xFFEB76B8)
YUV	160.5070, 11.5820, 65.3304
Hunter-Lab	58.3778, 48.8603, -9.2284

# Details

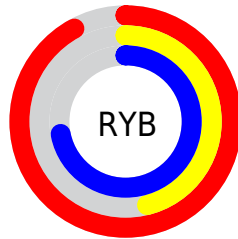
The YUV color **160.5070, 11.5820, 65.3304** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **192.4930, -11.5820, -65.3304**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.1560, 17.1781, 43.7132**, and **105.4250, 12.6085, 62.7713** is the 20% darker color. If you saturate the color by 10%, you get **145.8660, 13.8701, 78.1705**, and if you desaturate by 10%, it is **175.7350, 9.0046, 51.9754**.

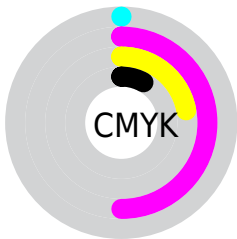
# Distribution



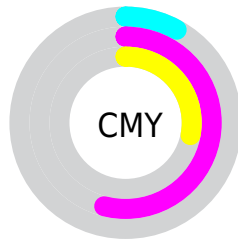
- Red (92%)
- Green (46%)
- Blue (72%)



- Red (92%)
- Yellow (46%)
- Blue (72%)



- Cyan (0%)
- Magenta (50%)
- Yellow (22%)
- Black (8%)




- Cyan (8%)
- Magenta (54%)
- Yellow (28%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 160.5070, 11.5820, 65.3304 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 160.5070, 11.5820, 65.3304 by changing the saturation by 10% instead.




 160.5070, 11.5820,  
65.3304


 160.5070, 11.5820,  
65.3304


255.0000, 0.0000,  
0.0000


 132.9090, 11.8769,  
64.1008


 205.1560, 17.1781,  
43.7132


 105.4250, 12.6085,  
62.7713


 223.8890, 15.3377,  
27.2843

 76.2940, 14.6451,  
62.8862

 240.9120, 6.9454,  
12.3552

 45.1140, 17.6918,  
65.6750

 34.4190, 11.6254,  
51.3755

 24.2510, 6.2853,  
37.4909

 14.1540, -0.0759,

24.4209

■ 0.0000, 0.0000,  
0.0000

■ 160.5070, 11.5820,  
65.3304

■ 160.5070, 11.5820,  
65.3304

■ 145.8660, 13.8701,  
78.1705

■ 175.7350, 9.0046,  
51.9754

■ 130.6380, 16.4475,  
91.5255

■ 190.3760, 6.7166,  
39.1352

■ 115.8830, 18.2987,  
104.4656

■ 205.7180, 4.5760,  
25.6803

■ 100.6550, 20.8761,  
117.8206

■ 220.3590, 2.2880,  
12.8402

■ 85.4270, 23.4535,  
131.1755

■ 235.5870, -0.2894,  
-0.5148

■ 247.8800, -1.4198,  
-11.2958

■ 249.0200, 2.9481,  
-12.2955

# Harmonies

## Analogous

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



162.8300, 31.6358, 26.4591



160.5070, 11.5820, 65.3304



157.0470, -10.8692, 79.7658

# Triad

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



160.5070, 11.5820, 65.3304



150.3180, -46.0058, 9.3681



130.8370, 46.9154, -114.7440

# Complementary

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



160.5070, 11.5820, 65.3304



192.4930, -11.5820, -65.3304

# 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.



127.5820, 26.8281, -111.8894



160.5070, 11.5820, 65.3304



143.6360, -28.4145, -33.0068

# Square

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



160.5070, 11.5820, 65.3304



154.4240, -46.5510, 44.3552



120.5940, 5.1302, -105.7609



128.5180, 60.8766, -112.7103



# Rectangle

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



160.5070, 11.5820, 65.3304



156.7140, -25.9880, 75.6728



120.5940, 5.1302, -105.7609



129.9420, 40.9476, -113.9591

# Sweetspot

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



160.5070, 11.5820, 65.3304



230.7560, 3.5713, 21.2620



146.5870, 43.5876, 19.6562



113.2450, 1.8512, 12.9401



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.



160.5070, 11.5820, 65.3304



157.5510, 15.0114, 85.4628



153.8950, -13.7522, 71.1291



109.9730, 0.9993, 6.1627



65.7470, 17.8727, 101.0769



19.5660, 5.1440, 30.1986



# Inverse Universe

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



160.5070, 11.5820, 65.3304



157.5510, 15.0114, 85.4628



199.1050, 13.7522, -71.1291



109.9730, 0.9993, 6.1627



65.7470, 17.8727, 101.0769



19.5660, 5.1440, 30.1986



# Previews

## White Background



This preview shows how the YUV color 160.5070, 11.5820, 65.3304 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

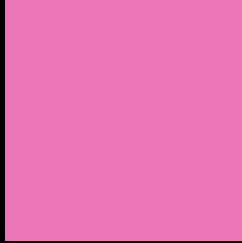
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 160.5070, 11.5820, 65.3304 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

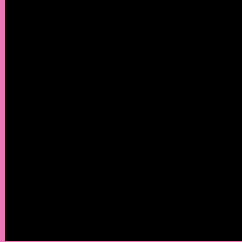
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 160.5070, 11.5820, 65.3304 Background



This preview shows how black text looks on a background with the YUV color 160.5070, 11.5820, 65.3304.



This preview shows how white text looks on a background with the YUV color 160.5070, 11.5820,



# 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

160.5070, 11.5820, 65.3304

### Protanopia

158.3830, 25.9402, -13.4909

### Deuteranopia

159.7260, 9.0091, 3.7483



## Tritanopia

159.5240, -11.1043, 61.8075

# Trichromacy



## Original Color

160.5070, 11.5820, 65.3304



## Protanomaly

158.8920, 20.7592, 15.0037



## Deuteranomaly

160.0970, 9.8122, 26.2249



## Tritanomaly

159.7120, -2.8160, 63.3966

# Monochromacy



## Original Color

160.5070, 11.5820, 65.3304



## Achromatopsia

161.0000, 0.0000, 0.0000



## Achromatomaly

160.5930, 4.1447, 24.0359

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 160.5070, 11.5820, 65.3304 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(235, 118, 184)` looks like.

```
.text, #text, p{  
    color:rgb(235, 118, 184)  
}
```

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(235, 118, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 118, 184) }
```

## Border

The CSS property to change the border of an element to YUV 160.5070, 11.5820, 65.3304 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(235, 118, 184) }
```



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

```
.border{ border-color:rgb(235, 118, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 118, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 118, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 118, 184);  
box-shadow:4px 4px 4px 4px rgb(235, 118,  
184) }
```

# Background

The CSS property to change the background color of an element to YUV 160.5070, 11.5820, 65.3304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 118, 184) }
```

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

```
.background{ background-color: rgb(235,  
118, 184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor