

# Converting Colors

YUV(164.0070, 9.8565, 58.7529)

Have a look what the booklet for  
YUV(164.0070, 9.8565, 58.7529)  
contains.

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# Color

**YUV(164.0070, 9.8565,  
58.7529)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E77EB8
RGB	231, 126, 184
RGB Percent	91%, 49%, 72%
CMY	0.0941, 0.5059, 0.2784
CMYK	0.00, 0.45, 0.20, 0.09
HSL	327°, 69%, 70%
HSV	327°, 45%, 91%
XYZ	49.0676, 35.3713, 49.5886
YIQ	164.0070, 43.9620, 40.2980

# Conversions

## Conversions Part 2

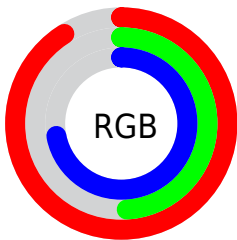
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	231, 126, 184
Decimal	15171256
CIE Lab	66.04, 47.50, -12.43
CIE LCh	66, 49.096, 345.331
Yxy	35.3713, 0.3661, 0.2639
Android (android.graphics.Color)	4293361336 (0xFFE77EB8)
YUV	164.0070, 9.8565, 58.7529
Hunter-Lab	59.4738, 43.1885, -7.8037

# Details

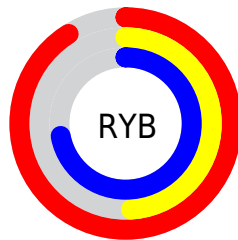
The YUV color **164.0070, 9.8565, 58.7529** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **192.9930, -9.8565, -58.7529**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.8520, 14.8630, 39.5948**, and **109.5120, 10.5936, 55.6790** is the 20% darker color. If you saturate the color by 10%, you get **149.3660, 12.1446, 71.5930**, and if you desaturate by 10%, it is **178.6480, 7.5685, 45.9127**.

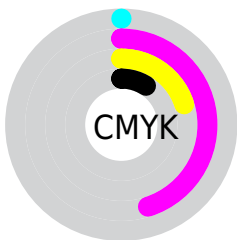
# Distribution



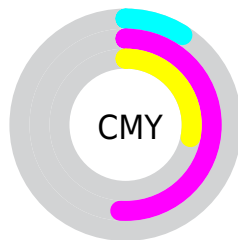
- Red (91%)
- Green (49%)
- Blue (72%)



- Red (91%)
- Yellow (49%)
- Blue (72%)



- Cyan (0%)
- Magenta (45%)
- Yellow (20%)
- Black (9%)



- Cyan (9%)
- Magenta (51%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 164.0070, 9.8565, 58.7529 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 164.0070, 9.8565, 58.7529 by changing the saturation by 10% instead.



164.0070, 9.8565,  
58.7529

164.0070, 9.8565,  
58.7529

255.0000, 0.0000,  
0.0000

136.4090, 10.1514,  
57.5233

209.8520, 14.8630,  
39.5948

109.5120, 10.5936,  
55.6790

227.9980, 13.3120,  
23.6808

82.4410, 11.6146,  
54.8642

245.0210, 4.9196,  
8.7516

53.4350, 14.0825,  
56.6235

33.8210, 11.9202,  
50.1460

23.6530, 6.5801,  
36.2613

13.8550, 0.0715,

23.8062

■ 0.0000, 0.0000,  
0.0000

■ 164.0070, 9.8565,  
58.7529

■ 164.0070, 9.8565,  
58.7529

■ 149.3660, 12.1446,  
71.5930

■ 178.6480, 7.5685,  
45.9127

■ 134.6110, 13.9958,  
84.5332

■ 193.4030, 5.7173,  
32.9726

■ 119.9700, 16.2838,  
97.3733

■ 208.0440, 3.4293,  
20.1324

■ 105.3290, 18.5718,  
110.2135

■ 222.6850, 1.1413,  
7.2923

■ 89.9870, 20.7124,  
123.6684

■ 238.0270, -0.9993,  
-6.1627

■ 83.6610, 21.8591,  
129.2163

■ 246.7980, -0.3934,  
-13.8548

■ 247.8240, 3.5378,  
-14.7546

# Harmonies

## Analogous

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



165.3090, 28.4417, 24.2850



164.0070, 9.8565, 58.7529



161.5900, -11.1369, 72.2736

# Triad

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



164.0070, 9.8565, 58.7529



154.0990, -40.4748, 8.6832



130.9680, 44.8788, -114.8589

# Complementary

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



164.0070, 9.8565, 58.7529



192.9930, -9.8565, -58.7529

# 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.



128.1690, 26.5387, -112.4042



164.0070, 9.8565, 58.7529



148.6410, -25.9520, -29.5032

# Square

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



164.0070, 9.8565, 58.7529



157.7810, -41.3040, 41.4111



132.6290, 2.1549, -84.7436



128.3070, 57.5296, -112.5252



# Rectangle

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



164.0070, 9.8565, 58.7529



160.5390, -23.9297, 68.8103



132.6290, 2.1549, -84.7436



130.1870, 39.3478, -114.1740

# Sweetspot

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



164.0070, 9.8565, 58.7529



232.0440, 3.4293, 20.1324



151.7240, 39.0831, 17.7821



113.9460, 1.9986, 12.3254



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.



164.0070, 9.8565, 58.7529



165.6380, 12.9965, 78.3705



158.1930, -12.4201, 63.8517



107.3860, 1.2887, 6.6775



64.8070, 16.8571, 100.1473



18.4410, 4.7126, 28.5542



# Inverse Universe

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



164.0070, 9.8565, 58.7529



165.6380, 12.9965, 78.3705



198.8070, 12.4201, -63.8517



107.3860, 1.2887, 6.6775



64.8070, 16.8571, 100.1473



18.4410, 4.7126, 28.5542



# Previews

## White Background



This preview shows how the YUV color 164.0070, 9.8565, 58.7529 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

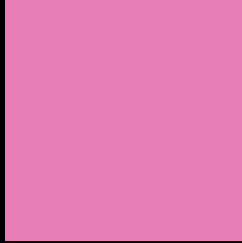
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 164.0070, 9.8565, 58.7529 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

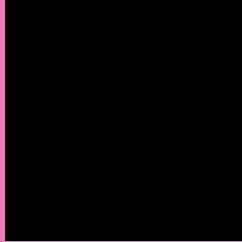
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 164.0070, 9.8565, 58.7529

## Background



This preview shows how black text looks on a background with the YUV color 164.0070, 9.8565, 58.7529.



This preview shows how white text looks on a background with the YUV color 164.0070, 9.8565,



# 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

164.0070, 9.8565, 58.7529

### Protanopia

161.4820, 22.4404, -10.9467

### Deuteranopia

162.7970, 7.9881, 4.5630



## Tritanopia

162.9470, -9.3409, 56.1745

# Trichromacy



## Original Color

164.0070, 9.8565, 58.7529



## Protanomaly

162.4960, 17.9965, 14.4740



## Deuteranomaly

163.4450, 8.6546, 24.1657



## Tritanomaly

163.1950, -2.0681, 56.8340

# Monochromacy



## Original Color

164.0070, 9.8565, 58.7529



## Achromatopsia

164.0000, 0.0000, 0.0000



## Achromatomaly

163.7560, 3.5713, 21.2620

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 164.0070, 9.8565, 58.7529 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(231, 126, 184)` looks like.

```
.text, #text, p{  
    color:rgb(231, 126, 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(231, 126, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 126, 184) }
```

## Border

The CSS property to change the border of an element to YUV 164.0070, 9.8565, 58.7529 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(231, 126, 184) }
```



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

```
.border{ border-color:rgb(231, 126, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 126, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 126, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 126, 184);  
box-shadow:4px 4px 4px 4px rgb(231, 126,  
184) }
```

# Background

The CSS property to change the background color of an element to YUV 164.0070, 9.8565, 58.7529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 126, 184) }
```

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

```
.background{ background-color: rgb(231,  
126, 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](#).

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