

Converting Colors

YUV(162.4920, 7.6454, 67.9745)

Have a look what the booklet for
YUV(162.4920, 7.6454, 67.9745)
contains.

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Color

**YUV(162.4920, 7.6454,
67.9745)**

Conversions

Conversions Part 1

Format	Color
Hex	F078B2
RGB	240, 120, 178
RGB Percent	94%, 47%, 70%
CMY	0.0588, 0.5294, 0.3020
CMYK	0.00, 0.50, 0.26, 0.06
HSL	331°, 80%, 71%
HSV	331°, 50%, 94%
XYZ	50.6875, 35.1726, 46.2369
YIQ	162.4920, 52.9020, 43.4780

Conversions

Conversions Part 2

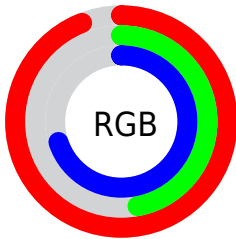
Format	Color
R_{YB}	240, 120, 178
Decimal	15759538
CIE _{Lab}	65.88, 52.53, -9.15
CIE _{LCh}	66, 53.317, 350.118
Yxy	35.1726, 0.3837, 0.2663
Android (android.graphics.Color)	4293949618 (0xFFFF078B2)
YUV	162.4920, 7.6454, 67.9745
Hunter-Lab	59.3065, 48.7725, -4.7096

Details

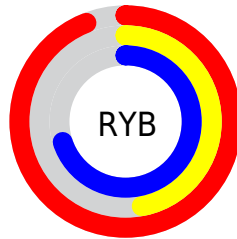
The YUV color **162.4920, 7.6454, 67.9745** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **197.5080, -7.6454, -67.9745**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.6460, 13.9785, 43.2835**, and **107.1110, 8.8193, 64.8007** is the 20% darker color. If you saturate the color by 10%, you get **147.0360, 9.3493, 81.5294**, and if you desaturate by 10%, it is **177.9480, 5.9416, 54.4196**.

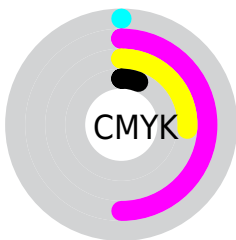
Distribution



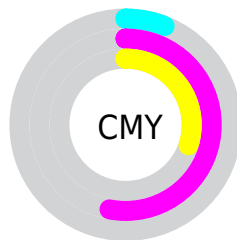
- Red (94%)
- Green (47%)
- Blue (70%)



- Red (94%)
- Yellow (47%)
- Blue (70%)



- Cyan (0%)
- Magenta (50%)
- Yellow (26%)
- Black (6%)



- Cyan (6%)
- Magenta (53%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 162.4920, 7.6454, 67.9745 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 162.4920, 7.6454, 67.9745 by changing the saturation by 10% instead.


 162.4920, 7.6454,
67.9745


 162.4920, 7.6454,
67.9745


255.0000, 0.0000,
0.0000

 134.5950, 8.0877,
66.1302


 205.6460, 13.9785,
43.2835


 107.1110, 8.8193,
64.8007


 225.0630, 14.7589,
26.2547

 78.8660, 10.4191,
65.0155

 242.0860, 6.3666,
11.3256

 45.8540, 15.3550,
68.5340

 35.1590, 9.2886,
54.2346

 24.6920, 4.0958,
39.7351

 14.5520, -3.7231,

27.5799

■ 0.0000, 0.0000,
0.0000

■ 162.4920, 7.6454,
67.9745

■ 162.4920, 7.6454,
67.9745

■ 147.0360, 9.3493,
81.5294

■ 177.9480, 5.9416,
54.4196

■ 131.4660, 10.6163,
95.1843

■ 193.5180, 4.6746,
40.7647

■ 116.0100, 12.3201,
108.7392

■ 208.9740, 2.9708,
27.2098

■ 100.4400, 13.5871,
122.3941

■ 224.5440, 1.7038,
13.5549

■ 84.9840, 15.2909,
135.9490

■ 240.0000, 0.0000,
0.0000

250.1730, 0.9007,
-8.9217

250.5150, 2.2111,
-9.2217

Harmonies

Analogous

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



164.6630, 28.2671, 33.6215



162.4920, 7.6454, 67.9745



159.7110, -14.6475, 78.3065

Triad

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



162.4920, 7.6454, 67.9745



152.0830, -42.9319, 3.4352



132.1080, 49.2468, -115.8587

Complementary

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



162.4920, 7.6454, 67.9745



197.5080, -7.6454, -67.9745

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.



129.7820, 30.1805, -113.8188



162.4920, 7.6454, 67.9745



145.0310, -24.1723, -40.3692

Square

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



162.4920, 7.6454, 67.9745



156.3910, -46.5348, 39.1221



123.6090, 9.0668, -108.4051



128.7460, 61.7502, -112.9102

Rectangle

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



162.4920, 7.6454, 67.9745



158.7090, -28.4505, 72.1692



123.6090, 9.0668, -108.4051



131.9140, 43.4264, -115.6886

Sweetspot

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



162.4920, 7.6454, 67.9745



230.4140, 2.2609, 21.5619



152.2180, 43.2765, 26.1188



113.1310, 1.4144, 13.0401



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.



162.4920, 7.6454, 67.9745



156.1830, 9.7698, 86.6625



157.0540, -18.2676, 72.7436



112.2720, 0.8519, 6.7775



65.1620, 11.7521, 104.2209



19.8220, 3.5388, 31.7281

Inverse Universe

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



162.4920, 7.6454, 67.9745



156.1830, 9.7698, 86.6625



202.9460, 18.2676, -72.7436



112.2720, 0.8519, 6.7775



65.1620, 11.7521, 104.2209



19.8220, 3.5388, 31.7281

Previews

White Background



This preview shows how the YUV color 162.4920, 7.6454, 67.9745 looks on a white background.

Color Contrast Check

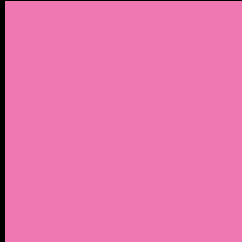
Large Text (above 18pt) WCAG AA × Fail

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 162.4920, 7.6454, 67.9745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

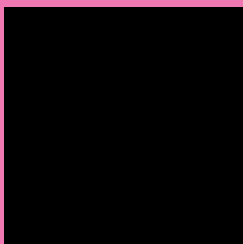
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 162.4920, 7.6454, 67.9745

Background



This preview shows how black text looks on a background with the YUV color 162.4920, 7.6454, 67.9745.



This preview shows how white text looks on a background with the YUV color 162.4920, 7.6454,

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

162.4920, 7.6454, 67.9745

Protanopia

161.1400, 21.1300, -10.6468

Deuteranopia

162.3090, 4.7777, 7.6220



Tritanopia

161.3180, -11.9888, 65.4961

Trichromacy



Original Color

162.4920, 7.6454, 67.9745



Protanomaly

161.7630, 16.3858, 17.7478



Deuteranomaly

162.3810, 5.7282, 29.4839



Tritanomaly

161.5660, -4.7160, 66.1556

Monochromacy



Original Color

162.4920, 7.6454, 67.9745



Achromatopsia

162.0000, 0.0000, 0.0000



Achromatomaly

162.2510, 2.8343, 24.3359

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.4920, 7.6454, 67.9745 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(240, 120, 178)` looks like.

```
.text, #text, p{  
    color:rgb(240, 120, 178)  
}
```

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(240, 120, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 120, 178) }
```

Border

The CSS property to change the border of an element to YUV 162.4920, 7.6454, 67.9745 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(240, 120, 178) }
```


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

```
.border{ border-color:rgb(240, 120, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 120, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 120, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 120, 178);  
box-shadow:4px 4px 4px 4px rgb(240, 120,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 162.4920, 7.6454, 67.9745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 120, 178) }
```

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

```
.background{ background-color: rgb(240,  
120, 178) }
```

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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