

Converting Colors

YUV(166.5920, 15.9771,
55.6088)

Have a look what the booklet for
YUV(166.5920, 15.9771, 55.6088)
contains.

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Color

**YUV(166.5920, 15.9771,
55.6088)**

Conversions

Conversions Part 1

Format	Color
Hex	E680C7
RGB	230, 128, 199
RGB Percent	90%, 50%, 78%
CMY	0.0980, 0.4980, 0.2196
CMYK	0.00, 0.44, 0.13, 0.10
HSL	318°, 67%, 70%
HSV	318°, 44%, 90%
XYZ	50.6611, 36.3849, 58.3857
YIQ	166.5920, 38.0010, 43.7050

Conversions

Conversions Part 2

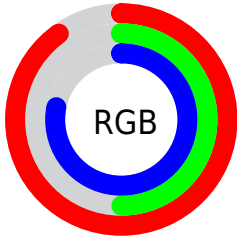
Format	Color
R _Y B	230, 128, 199
Decimal	15106247
CIE _{Lab}	66.81, 48.45, -19.70
CIE _{LCh}	67, 52.300, 337.868
Yxy	36.3849, 0.3483, 0.2502
Android (android.graphics.Color)	4293296327 (0xFFE680C7)
YUV	166.5920, 15.9771, 55.6088
Hunter-Lab	60.3199, 44.3578, -15.1649

Details

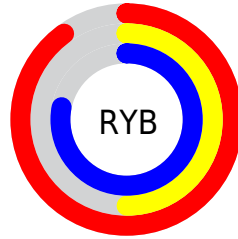
The YUV color **166.5920, 15.9771, 55.6088** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **191.4080, -15.9771, -55.6088**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.7360, 20.8362, 37.0655**, and **111.9830, 16.2774, 52.6349** is the 20% darker color. If you saturate the color by 10%, you get **152.2930, 19.5756, 68.1490**, and if you desaturate by 10%, it is **180.8910, 12.3787, 43.0686**.

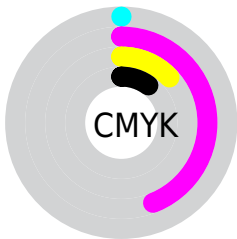
Distribution



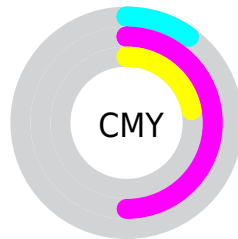
- Red (90%)
- Green (50%)
- Blue (78%)



- Red (90%)
- Yellow (50%)
- Blue (78%)



- Cyan (0%)
- Magenta (44%)
- Yellow (13%)
- Black (10%)





- Cyan (10%)
- Magenta (50%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 166.5920, 15.9771, 55.6088 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 166.5920, 15.9771, 55.6088 by changing the saturation by 10% instead.


 166.5920, 15.9771,
55.6088


 166.5920, 15.9771,
55.6088


255.0000, 0.0000,
0.0000


 138.9940, 16.2720,
54.3793


 212.7360, 20.8362,
37.0655


 111.9830, 16.2774,
52.6349


 229.1720, 12.7332,
22.6512

 85.0970, 16.7142,
52.5349

 246.1950, 4.3409,
7.7220

 55.6780, 18.8927,
53.7794

 35.3030, 17.5986,
48.8463

 24.9070, 11.3848,
35.1616

 15.3370, 5.7499,

22.5065

■ 0.0000, 0.0000,
0.0000

■ 166.5920, 15.9771,
55.6088

■ 166.5920, 15.9771,
55.6088

■ 152.2930, 19.5756,
68.1490

■ 180.8910, 12.3787,
43.0686

■ 137.9940, 23.1740,
80.6893

■ 195.1900, 8.7803,
30.5284

■ 123.6950, 26.7724,
93.2295

■ 209.4890, 5.1819,
17.9881

■ 109.3960, 30.3708,
105.7697

■ 223.7880, 1.5835,
5.4479

■ 95.0970, 33.9692,
118.3099

■ 238.0870, -2.0149,
-7.0923

87.0100, 35.9841,
125.4022

245.9290, -2.4300,
-13.9697

246.7270, 0.6276,
-14.6696

247.5250, 3.6852,
-15.3694

Harmonies

Analogous

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



166.5510, 34.7314, 13.5488



166.5920, 15.9771, 55.6088



163.6920, -5.7642, 75.6921

Triad

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



166.5920, 15.9771, 55.6088



156.9000, -45.3067, 18.5047



132.9740, 42.4108, -116.6182

Complementary

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



166.5920, 15.9771, 55.6088



191.4080, -15.9771, -55.6088

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.



129.0180, 22.1761, -113.1488



166.5920, 15.9771, 55.6088



151.2740, -32.6731, -20.4113

Square

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



166.5920, 15.9771, 55.6088



159.9070, -42.3522, 50.9476



138.7030, -6.7556, -73.4075



132.2850, 57.5405, -116.0139

Rectangle

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



166.5920, 15.9771, 55.6088



162.2070, -20.3151, 76.1175



138.7030, -6.7556, -73.4075



131.9650, 36.0063, -115.7333

Sweetspot

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



166.5920, 15.9771, 55.6088



234.4890, 5.1819, 17.9881



148.8970, 39.9838, 8.8603



114.8750, 3.0196, 11.5106



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.



166.5920, 15.9771, 55.6088



171.0810, 21.1591, 73.5970



160.7780, -6.2996, 60.7077



107.5000, 1.7255, 6.5775



67.6570, 27.7771, 97.6478



19.2390, 7.7702, 27.8544

Inverse Universe

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



166.5920, 15.9771, 55.6088



171.0810, 21.1591, 73.5970



197.2220, 6.2996, -60.7077



107.5000, 1.7255, 6.5775



67.6570, 27.7771, 97.6478



19.2390, 7.7702, 27.8544

Previews

White Background



This preview shows how the YUV color 166.5920, 15.9771, 55.6088 looks on a white background.

Color Contrast Check

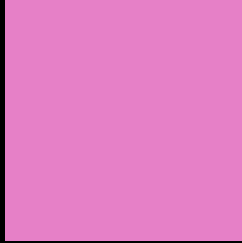
Large Text (above 18pt) WCAG AA × Fail

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 166.5920, 15.9771, 55.6088 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 166.5920, 15.9771, 55.6088 Background



This preview shows how black text looks on a background with the YUV color 166.5920, 15.9771, 55.6088.



This preview shows how white text looks on a background with the YUV color 166.5920, 15.9771,

55.6088.

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

166.5920, 15.9771, 55.6088

Protanopia

163.2840, 29.4400, -16.0351

Deuteranopia

164.4850, 14.5509, -0.4253



Tritanopia

164.9680, -7.8722, 51.7711

Trichromacy



Original Color

166.5920, 15.9771, 55.6088



Protanomaly

164.4830, 24.4119, 10.1004



Deuteranomaly

165.4320, 15.0700, 19.7921



Tritanomaly

165.2700, 0.8529, 53.2602

Monochromacy



Original Color

166.5920, 15.9771, 55.6088



Achromatopsia

167.0000, 0.0000, 0.0000



Achromatomaly

167.0270, 5.9027, 20.1473

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.5920, 15.9771, 55.6088 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(230, 128, 199)` looks like.

```
.text, #text, p{  
    color:rgb(230, 128, 199)  
}
```

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(230, 128, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 128, 199) }
```

Border

The CSS property to change the border of an element to YUV 166.5920, 15.9771, 55.6088 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(230, 128, 199) }
```


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

```
.border{ border-color:rgb(230, 128, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 128, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 128, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 128, 199);  
box-shadow:4px 4px 4px 4px rgb(230, 128,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 166.5920, 15.9771, 55.6088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 128, 199) }
```

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

```
.background{ background-color: rgb(230,  
128, 199) }
```

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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