

Converting Colors

YUV(166.6230, 22.3709,
58.2126)

Have a look what the booklet for
YUV(166.6230, 22.3709, 58.2126)
contains.

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Color

**YUV(166.6230, 22.3709,
58.2126)**

Conversions

Conversions Part 1

Format	Color
Hex	E97CD4
RGB	233, 124, 212
RGB Percent	91%, 49%, 83%
CMY	0.0863, 0.5137, 0.1686
CMYK	0.00, 0.47, 0.09, 0.09
HSL	312°, 71%, 70%
HSV	312°, 47%, 91%
XYZ	52.6956, 36.4924, 66.5537
YIQ	166.6230, 36.7160, 50.4760

Conversions

Conversions Part 2

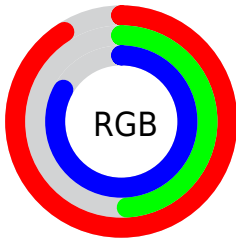
Format	Color
RYB	233, 124, 212
Decimal	15301844
CIELab	66.89, 53.45, -26.81
CIElCh	67, 59.798, 333.361
Yxy	36.4924, 0.3384, 0.2343
Android (android.graphics.Color)	4293491924 (0xFFE97CD4)
YUV	166.6230, 22.3709, 58.2126
Hunter-Lab	60.4089, 49.9925, -23.0347

Details

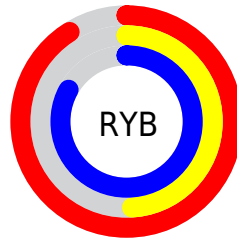
The YUV color **166.6230, 22.3709, 58.2126** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **190.3770, -22.3709, -58.2126**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.3880, 21.9937, 39.1247**, and **111.3130, 22.5237, 55.8535** is the 20% darker color. If you saturate the color by 10%, you get **152.6660, 27.2797, 70.4529**, and if you desaturate by 10%, it is **180.5800, 17.4621, 45.9723**.

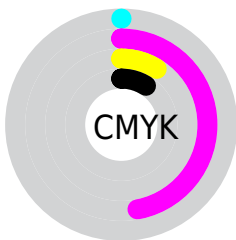
Distribution



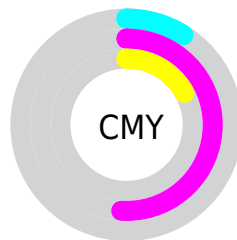
- Red (91%)
- Green (49%)
- Blue (83%)



- Red (91%)
- Yellow (49%)
- Blue (83%)



- Cyan (0%)
- Magenta (47%)
- Yellow (9%)
- Black (9%)



- Cyan (9%)
- Magenta (51%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.6230, 22.3709, 58.2126 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 166.6230, 22.3709, 58.2126 by changing the saturation by 10% instead.

166.6230, 22.3709,
58.2126

166.6230, 22.3709,
58.2126

255.0000, 0.0000,
0.0000

138.9110, 22.2289,
57.0831

210.3880, 21.9937,
39.1247

111.3130, 22.5237,
55.8535

227.4110, 13.6014,
24.1956

83.5410, 23.3973,
55.6535

244.4340, 5.2090,
9.2664

49.6110, 27.3068,
61.7312

37.0410, 21.6718,
49.0760

26.3460, 15.6054,
34.7766

16.9610, 9.3862,

22.8362

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 166.6230, 22.3709,
58.2126

■ 166.6230, 22.3709,
58.2126

■ 152.6660, 27.2797,
70.4529

■ 180.5800, 17.4621,
45.9723

■ 138.0080, 32.0411,
83.3080

■ 195.2380, 12.7007,
33.1173

■ 124.0510, 36.9499,
95.5483

■ 209.1950, 7.7919,
20.8770

■ 109.9800, 41.4219,
107.8885

■ 223.2660, 3.3199,
8.5367

96.0230, 46.3307,
120.1288

237.8100, -1.8783,
-4.2184

91.0990, 47.7722,
124.4472

246.5980, -3.7458,
-11.9254

247.0540, -1.9986,
-12.3254

247.6240, 0.1854,
-12.8252

248.0800, 1.9326,
-13.2252

Harmonies

Analogous

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



166.2710, 42.7574, 5.9013



166.6230, 22.3709, 58.2126



160.7020, -0.8391, 82.6993

Triad

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



166.6230, 22.3709, 58.2126



155.9520, -54.2063, 26.3521



135.5500, 42.1268, -118.8774

Complementary

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



166.6230, 22.3709, 58.2126



190.3770, -22.3709, -58.2126

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.



129.9810, 18.2504, -113.9933



166.6230, 22.3709, 58.2126



150.7060, -41.2671, -17.2822

Square

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



166.6230, 22.3709, 58.2126



159.2350, -46.4579, 61.1839



134.2200, -10.9545, -79.9999



135.3170, 59.0037, -118.6730

Rectangle

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



166.6230, 22.3709, 58.2126



158.9460, -17.7214, 84.2394



134.2200, -10.9545, -79.9999



134.1990, 34.4119, -117.6925

Sweetspot

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



166.6230, 22.3709, 58.2126



233.0700, 7.3605, 19.2326



142.4060, 44.6628, 1.3979



114.5160, 4.1826, 11.8255



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.



166.6230, 22.3709, 58.2126



167.8670, 29.1526, 76.4156



160.5810, -0.7794, 63.5115



110.3150, 2.3097, 5.8627



70.7630, 37.0918, 96.6778



21.0480, 10.8223, 28.8989

Inverse Universe

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



166.6230, 22.3709, 58.2126



167.8670, 29.1526, 76.4156



196.4190, 0.7794, -63.5115



110.3150, 2.3097, 5.8627



70.7630, 37.0918, 96.6778



21.0480, 10.8223, 28.8989

Previews

White Background



This preview shows how the YUV color 166.6230, 22.3709, 58.2126 looks on a white background.

Color Contrast Check

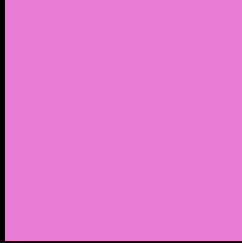
Large Text (above 18pt) WCAG AA × Fail

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 166.6230, 22.3709, 58.2126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

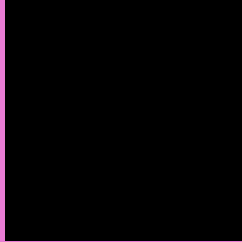
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.6230, 22.3709, 58.2126

Background



This preview shows how black text looks on a background with the YUV color 166.6230, 22.3709, 58.2126.



This preview shows how white text looks on a background with the YUV color 166.6230, 22.3709, 58.2126.

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

166.6230, 22.3709, 58.2126

Protanopia

162.8300, 38.0448, -22.6529

Deuteranopia

164.3470, 20.5349, -6.4433



Tritanopia

165.4520, -8.6038, 53.1006

Trichromacy



Original Color

166.6230, 22.3709, 58.2126



Protanomaly

164.5240, 32.2797, 6.5565



Deuteranomaly

165.3160, 21.0432, 17.2629



Tritanomaly

166.0360, 2.4473, 55.2194

Monochromacy



Original Color

166.6230, 22.3709, 58.2126



Achromatopsia

167.0000, 0.0000, 0.0000



Achromatomaly

166.6080, 8.0813, 21.3918

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.6230, 22.3709, 58.2126 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(233, 124, 212)` looks like.

```
.text, #text, p{  
    color:rgb(233, 124, 212)  
}
```

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(233, 124, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 124, 212) }
```

Border

The CSS property to change the border of an element to YUV 166.6230, 22.3709, 58.2126 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(233, 124, 212) }
```


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

```
.border{ border-color:rgb(233, 124, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 124, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 124, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 124, 212); box-shadow:4px 4px 4px 4px rgb(233, 124, 212) }
```

Background

The CSS property to change the background color of an element to YUV 166.6230, 22.3709, 58.2126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 124, 212) }
```

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

```
.background{ background-color: rgb(233,  
124, 212) }
```

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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