

Converting Colors

YUV(166.3240, 22.5183,
57.5979)

Have a look what the booklet for
YUV(166.3240, 22.5183, 57.5979)
contains.

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Color

**YUV(166.3240, 22.5183,
57.5979)**

Conversions

Conversions Part 1

Format	Color
Hex	E87CD4
RGB	232, 124, 212
RGB Percent	91%, 49%, 83%
CMY	0.0902, 0.5137, 0.1686
CMYK	0.00, 0.47, 0.09, 0.09
HSL	311°, 70%, 70%
HSV	311°, 47%, 91%
XYZ	52.3700, 36.3246, 66.5385
YIQ	166.3240, 36.1200, 50.2640

Conversions

Conversions Part 2

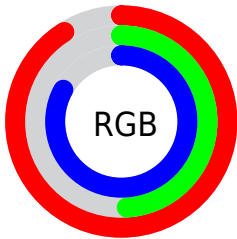
Format	Color
R _Y B	232, 124, 212
Decimal	15236308
CIE Lab	66.77, 53.15, -27.02
CIE LCh	67, 59.624, 333.054
Yxy	36.3246, 0.3374, 0.2340
Android (android.graphics.Color)	4293426388 (0xFFE87CD4)
YUV	166.3240, 22.5183, 57.5979
Hunter-Lab	60.2699, 49.6309, -23.2678

Details

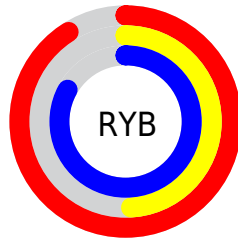
The YUV color **166.3240, 22.5183, 57.5979** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **189.6760, -22.5183, -57.5979**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.3880, 21.9937, 39.1247**, and **111.0140, 22.6711, 55.2387** is the 20% darker color. If you saturate the color by 10%, you get **152.3670, 27.4271, 69.8381**, and if you desaturate by 10%, it is **180.2810, 17.6095, 45.3576**.

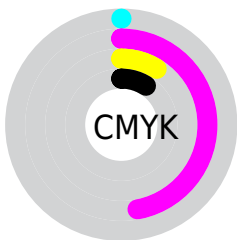
Distribution



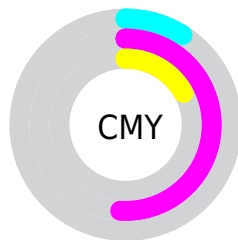
- Red (91%)
- Green (49%)
- Blue (83%)



- 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 166.3240, 22.5183, 57.5979 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 166.3240, 22.5183, 57.5979 by changing the saturation by 10% instead.

166.3240, 22.5183,
57.5979

166.3240, 22.5183,
57.5979

255.0000, 0.0000,
0.0000

138.6120, 22.3763,
56.4683

210.3880, 21.9937,
39.1247

111.0140, 22.6711,
55.2387

227.4110, 13.6014,
24.1956

83.2420, 23.5447,
55.0388

244.4340, 5.2090,
9.2664

49.8990, 27.1648,
60.6016

36.7420, 21.8192,
48.4613

26.3460, 15.6054,
34.7766

16.6620, 9.5336,

22.2214

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 166.3240, 22.5183,
57.5979

■ 166.3240, 22.5183,
57.5979

■ 152.3670, 27.4271,
69.8381

■ 180.2810, 17.6095,
45.3576

■ 138.2960, 31.8991,
82.1784

■ 194.3520, 13.1375,
33.0173

■ 123.7520, 37.0973,
94.9335

■ 208.8960, 7.9393,
20.2622

■ 109.7950, 42.0061,
107.1738

■ 222.8530, 3.0305,
8.0219

95.8380, 46.9149,
119.4141

236.8100, -1.8783,
-4.2184

90.9140, 48.3564,
123.7324

246.1850, -4.0352,
-12.4402

246.6410, -2.2880,
-12.8402

247.0970, -0.5408,
-13.2401

247.6670, 1.6432,
-13.7400

Harmonies

Analogous

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



165.6730, 43.0522, 4.6718



166.3240, 22.5183, 57.5979



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.



166.3240, 22.5183, 57.5979



155.9520, -54.2063, 26.3521



134.8490, 41.9794, -118.2626

Complementary

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



166.3240, 22.5183, 57.5979



189.6760, -22.5183, -57.5979

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.



129.2800, 18.1030, -113.3786



166.3240, 22.5183, 57.5979



150.0050, -41.4145, -16.6674

Square

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



166.3240, 22.5183, 57.5979



159.2350, -46.4579, 61.1839



134.7040, -11.6861, -78.6704



135.3170, 59.0037, -118.6730

Rectangle

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



166.3240, 22.5183, 57.5979



159.0600, -17.2846, 84.1394



134.7040, -11.6861, -78.6704



133.4980, 34.2645, -117.0777

Sweetspot

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



166.3240, 22.5183, 57.5979



233.0700, 7.3605, 19.2326



142.2920, 44.2260, 1.4979



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.



166.3240, 22.5183, 57.5979



168.0950, 30.0262, 76.2157



160.1680, -1.0688, 62.9967



107.7280, 2.5991, 6.3775



70.0510, 36.9499, 95.5483



20.0370, 10.8278, 27.1546

Inverse Universe

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



166.3240, 22.5183, 57.5979



168.0950, 30.0262, 76.2157



195.8320, 1.0688, -62.9967



107.7280, 2.5991, 6.3775



70.0510, 36.9499, 95.5483



20.0370, 10.8278, 27.1546

Previews

White Background



This preview shows how the YUV color 166.3240, 22.5183, 57.5979 looks on a white background.

Color Contrast Check

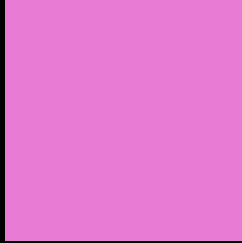
Large Text (above 18pt) WCAG AA × Fail

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 166.3240, 22.5183, 57.5979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

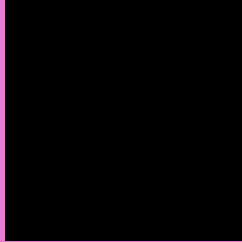
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.3240, 22.5183, 57.5979

Background



This preview shows how black text looks on a background with the YUV color 166.3240, 22.5183, 57.5979.



This preview shows how white text looks on a background with the YUV color 166.3240, 22.5183,

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

166.3240, 22.5183, 57.5979

Protanopia

161.9440, 38.4816, -22.7529

Deuteranopia

164.0480, 20.6823, -7.0581



Tritanopia

165.1530, -8.4564, 52.4858

Trichromacy



Original Color

166.3240, 22.5183, 57.5979



Protanomaly

163.6380, 32.7165, 6.4565



Deuteranomaly

165.0170, 21.1906, 16.6481



Tritanomaly

165.7370, 2.5947, 54.6047

Monochromacy



Original Color

166.3240, 22.5183, 57.5979



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

166.3090, 8.2287, 20.7770

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.3240, 22.5183, 57.5979 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(232, 124, 212)` looks like.

```
.text, #text, p{  
    color:rgb(232, 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(232, 124, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 124, 212) }
```

Border

The CSS property to change the border of an element to YUV 166.3240, 22.5183, 57.5979 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(232, 124, 212) }
```


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

```
.border{ border-color:rgb(232, 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(232, 124, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 124, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 124, 212);  
box-shadow:4px 4px 4px 4px rgb(232, 124,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 166.3240, 22.5183, 57.5979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 124, 212) }
```

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

```
.background{ background-color: rgb(232,  
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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