

Converting Colors

YUV(158.6880, 3.6048, 57.2786)

Have a look what the booklet for
YUV(158.6880, 3.6048, 57.2786)
contains.

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Color

**YUV(158.6880, 3.6048,
57.2786)**

Conversions

Conversions Part 1

Format	Color
Hex	E07CA6
RGB	224, 124, 166
RGB Percent	88%, 49%, 65%
CMY	0.1216, 0.5137, 0.3490
CMYK	0.00, 0.45, 0.26, 0.12
HSL	335°, 62%, 68%
HSV	335°, 45%, 88%
XYZ	44.8311, 33.0158, 40.0862
YIQ	158.6880, 46.1180, 34.2620

Conversions

Conversions Part 2

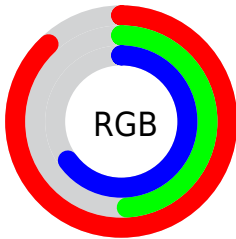
Format	Color
R_{YB}	224, 124, 166
Decimal	14711974
CIE _{Lab}	64.17, 43.63, -5.11
CIE _{LCh}	64, 43.932, 353.318
Yxy	33.0158, 0.3801, 0.2800
Android (android.graphics.Color)	4292902054 (0xFFE07CA6)
YUV	158.6880, 3.6048, 57.2786
Hunter-Lab	57.4594, 38.7158, -1.1418

Details

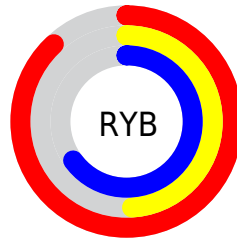
The YUV color **158.6880, 3.6048, 57.2786** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **189.3120, -3.6048, -57.2786**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.5120, 7.1426, 42.5240**, and **104.8940, 4.4893, 53.5900** is the 20% darker color. If you saturate the color by 10%, you get **144.2920, 4.2930, 69.9039**, and if you desaturate by 10%, it is **173.0840, 2.9166, 44.6533**.

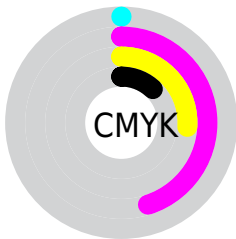
Distribution



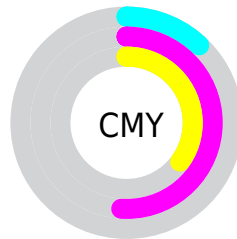
- Red (88%)
- Green (49%)
- Blue (65%)



- Red (88%)
- Yellow (49%)
- Blue (65%)



- Cyan (0%)
- Magenta (45%)
- Yellow (26%)
- Black (12%)



- Cyan (12%)
- Magenta (51%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.6880, 3.6048, 57.2786 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 158.6880, 3.6048, 57.2786 by changing the saturation by 10% instead.

■ 158.6880, 3.6048,
57.2786

■ 158.6880, 3.6048,
57.2786

255.0000, 0.0000,
0.0000

■ 131.7910, 4.0470,
55.4343

■ 206.5120, 7.1426,
42.5240

■ 104.8940, 4.4893,
53.5900

■ 226.2540, 11.7068,
25.2102

■ 78.5240, 5.6577,
52.1605

■ 243.2600, 5.7878,
10.2960

■ 50.1050, 7.8362,
53.4049

■ 30.1320, 6.8369,
47.2422

■ 20.3770, 1.7861,
33.8724

■ 9.6820, -4.2802,

19.5729

■ 0.0000, 0.0000,
0.0000

■ 158.6880, 3.6048,
57.2786

■ 158.6880, 3.6048,
57.2786

■ 144.2920, 4.2930,
69.9039

■ 173.0840, 2.9166,
44.6533

■ 129.3090, 5.2707,
83.0440

■ 188.0670, 1.9390,
31.5132

■ 114.9130, 5.9589,
95.6693

■ 202.4630, 1.2507,
18.8879

■ 99.9300, 6.9365,
108.8094

■ 217.4460, 0.2731,
5.7479

■ 85.5340, 7.6247,
121.4347

■ 231.8420, -0.4151,
-6.8774

■ 77.6920, 8.0398,
128.3121

■ 244.4770, -0.2352,
-17.9583

■ 245.7310, 4.5696,
-19.0581

Harmonies

Analogous

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



160.4040, 20.9998, 31.2177



158.6880, 3.6048, 57.2786



156.6230, -14.6041, 64.3516

Triad

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



158.6880, 3.6048, 57.2786



149.4660, -33.7537, -0.4087



125.1150, 45.2993, -109.7259

Complementary

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



158.6880, 3.6048, 57.2786



189.3120, -3.6048, -57.2786

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.



123.8150, 30.1642, -108.5858



158.6880, 3.6048, 57.2786



143.0730, -17.7840, -36.0210

Square

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



158.6880, 3.6048, 57.2786



152.6270, -37.7771, 30.1451



127.3280, 8.7123, -87.9877



141.6890, 45.0163, -65.5023

Rectangle

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



158.6880, 3.6048, 57.2786



155.7180, -25.4970, 58.1293



127.3280, 8.7123, -87.9877



125.2630, 40.7893, -109.8557

Sweetspot

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



158.6880, 3.6048, 57.2786



233.4630, 1.2507, 18.8879



152.4430, 35.2776, 25.0445



114.3050, 0.8356, 12.0105



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.



158.6880, 3.6048, 57.2786



164.8740, 4.9921, 79.0405



158.0090, -16.7664, 57.8741



104.8590, 0.5625, 6.2627



61.0600, 6.3794, 100.8024



16.6320, 1.6604, 27.5097

Inverse Universe

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



158.6880, 3.6048, 57.2786



164.8740, 4.9921, 79.0405



189.9910, 16.7664, -57.8741



104.8590, 0.5625, 6.2627



61.0600, 6.3794, 100.8024



16.6320, 1.6604, 27.5097

Previews

White Background



This preview shows how the YUV color 158.6880, 3.6048, 57.2786 looks on a white background.

Color Contrast Check

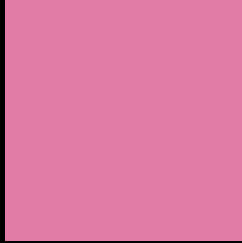
Large Text (above 18pt) WCAG AA × Fail

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 158.6880, 3.6048, 57.2786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

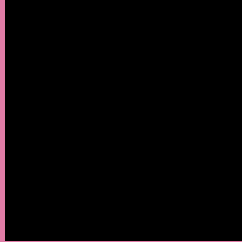
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.6880, 3.6048, 57.2786

Background



This preview shows how black text looks on a background with the YUV color 158.6880, 3.6048, 57.2786.



This preview shows how white text looks on a background with the YUV color 158.6880, 3.6048,

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

158.6880, 3.6048, 57.2786

Protanopia

156.9250, 13.8410, -6.0732

Deuteranopia

157.5220, 1.7147, 10.0662



Tritanopia

157.6480, -9.1935, 55.5597

Trichromacy



Original Color

158.6880, 3.6048, 57.2786



Protanomaly

157.7430, 9.9867, 16.8884



Deuteranomaly

157.8600, 2.5340, 27.3098



Tritanomaly

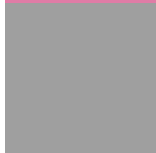
157.9130, -4.3941, 56.2043

Monochromacy



Original Color

158.6880, 3.6048, 57.2786



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

158.8870, 1.5347, 21.1471

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.6880, 3.6048, 57.2786 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(224, 124, 166)` looks like.

```
.text, #text, p{  
    color:rgb(224, 124, 166)  
}
```

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(224, 124, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 124, 166) }
```

Border

The CSS property to change the border of an element to YUV 158.6880, 3.6048, 57.2786 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(224, 124, 166) }
```


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

```
.border{ border-color:rgb(224, 124, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 124, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 124, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 124, 166);  
box-shadow:4px 4px 4px 4px rgb(224, 124,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 158.6880, 3.6048, 57.2786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 124, 166) }
```

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

```
.background{ background-color: rgb(224,  
124, 166) }
```

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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