

Converting Colors

YUV(123.7120, -2.8160,
63.3966)

Have a look what the booklet for
YUV(123.7120, -2.8160, 63.3966)
contains.

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Color

**YUV(123.7120, -2.8160,
63.3966)**

Conversions

Conversions Part 1

Format	Color
Hex	C45876
RGB	196, 88, 118
RGB Percent	77%, 35%, 46%
CMY	0.2314, 0.6549, 0.5373
CMYK	0.00, 0.55, 0.40, 0.23
HSL	343°, 48%, 56%
HSV	343°, 55%, 77%
XYZ	29.5247, 20.0232, 19.4483
YIQ	123.7120, 54.7380, 32.2260

Conversions

Conversions Part 2

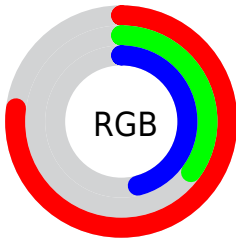
Format	Color
RYB	196, 88, 118
Decimal	12867702
CIELab	51.86, 46.11, 4.37
CIElCh	52, 46.317, 5.416
Yxy	20.0232, 0.4279, 0.2902
Android (android.graphics.Color)	4291057782 (0xFFC45876)
YUV	123.7120, -2.8160, 63.3966
Hunter-Lab	44.7473, 39.4682, 5.5542

Details

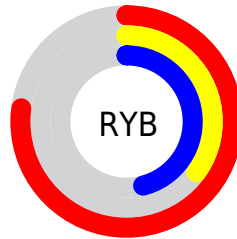
The YUV color **123.7120, -2.8160, 63.3966** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **160.2880, 2.8160, -63.3966**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.3920, -4.1373, 67.1852**, and **69.2000, 0.3944, 60.3376** is the 20% darker color. If you saturate the color by 10%, you get **110.3760, -3.1434, 75.0922**, and if you desaturate by 10%, it is **137.0480, -2.4887, 51.7009**.

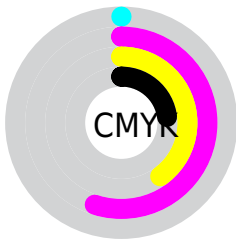
Distribution



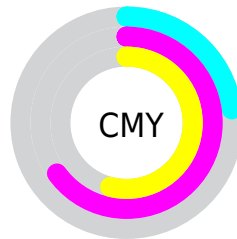
- Red (77%)
- Green (35%)
- Blue (46%)



- Red (77%)
- Yellow (35%)
- Blue (46%)



- Cyan (0%)
- Magenta (55%)
- Yellow (40%)
- Black (23%)





- Cyan (23%)
- Magenta (65%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YUV color 123.7120, -2.8160, 63.3966 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 123.7120, -2.8160, 63.3966 by changing the saturation by 10% instead.

 123.7120, -2.8160,
63.3966


 123.7120, -2.8160,
63.3966

255.0000, 0.0000,
0.0000

 96.9290, -1.9370,
61.4523


 178.3920, -4.1373,
67.1852

 69.2000, 0.3944,
60.3376


 197.9060, -0.4467,
50.0714


 38.3620, 4.7515,
62.8265

 217.5340, 3.6807,
32.8577

 27.8950, -0.4412,
48.3271

 237.8630, 7.9555,
15.0291

 17.4560, -8.1128,
35.5571

 6.8770, -3.3904,
14.1399

 0.0000, 0.0000,

0.0000

■ 123.7120, -2.8160,
63.3966

■ 123.7120, -2.8160,
63.3966

■ 110.3760, -3.1434,
75.0922

■ 137.0480, -2.4887,
51.7009

■ 97.6270, -3.7601,
86.2731

■ 149.7970, -1.8719,
40.5200

■ 84.2910, -4.0875,
97.9688

■ 163.1330, -1.5446,
28.8244

■ 71.4280, -5.1410,
109.2496

■ 175.9960, -0.4910,
17.5435

■ 64.7600, -5.3047,
115.0975

■ 189.3320, -0.1637,
5.8478

■ 202.6680, 0.1637,
-5.8478

■ 215.4170, 0.7804,
-17.0287

■ 228.7530, 1.1078,
-28.7244

■ 236.2190, 4.3290,
-35.2721

Harmonies

Analogous

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



126.8850, 14.8467, 44.8279



123.7120, -2.8160, 63.3966



122.2930, -20.8504, 61.1330

Triad

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



123.7120, -2.8160, 63.3966



113.9310, -29.0530, -14.8485



102.0620, 45.8184, -89.5084

Complementary

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



123.7120, -2.8160, 63.3966



160.2880, 2.8160, -63.3966

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.



102.6200, 32.7253, -89.9977



123.7120, -2.8160, 63.3966



103.0790, -6.9409, -60.5823

Square

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



123.7120, -2.8160, 63.3966



118.7950, -39.3389, 17.7198



98.7610, 15.4008, -86.6134



114.4460, 43.6571, -49.5031

Rectangle

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



123.7120, -2.8160, 63.3966



121.5940, -30.8588, 51.2221



98.7610, 15.4008, -86.6134



103.0250, 41.8927, -90.3529

Sweetspot

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



123.7120, -2.8160, 63.3966



226.2250, -1.0969, 25.2357



123.3350, 35.8238, 36.5402



110.5720, -0.7750, 15.2844



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.



123.7120, -2.8160, 63.3966



142.4760, -4.6717, 98.6835



133.7930, -22.5759, 54.5555



90.3320, -0.1637, 5.8478



53.2690, -4.0766, 94.4801



10.8930, -0.9332, 19.3878

Inverse Universe

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



123.7120, -2.8160, 63.3966



142.4760, -4.6717, 98.6835



150.2070, 22.5759, -54.5555



90.3320, -0.1637, 5.8478



53.2690, -4.0766, 94.4801



10.8930, -0.9332, 19.3878

Previews

White Background



This preview shows how the YUV color 123.7120, -2.8160, 63.3966 looks on a white background.

Color Contrast Check

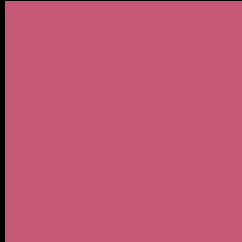
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.7120, -2.8160, 63.3966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

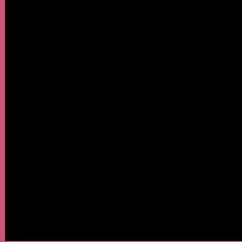
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.7120, -2.8160, 63.3966

Background



This preview shows how black text looks on a background with the YUV color 123.7120, -2.8160, 63.3966.

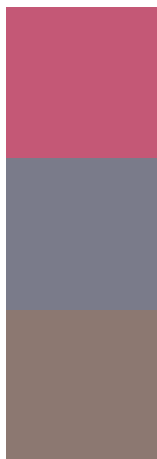


This preview shows how white text looks on a background with the YUV color 123.7120, -2.8160,

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

123.7120, -2.8160, 63.3966

Protanopia

124.4110, 6.6994, -2.1144

Deuteranopia

125.1820, -6.0057, 12.9954



Tritanopia

123.1820, -12.4147, 62.1074

Trichromacy



Original Color

123.7120, -2.8160, 63.3966

Protanomaly

124.0550, 3.4239, 21.8768

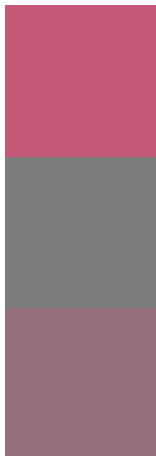
Deuteranomaly

124.3460, -4.6076, 31.2686

Tritanomaly

123.6920, -9.2152, 62.5371

Monochromacy



Original Color

123.7120, -2.8160, 63.3966

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

123.9150, -0.9441, 22.8765

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.7120, -2.8160, 63.3966 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(196, 88, 118)` looks like.

```
.text, #text, p{  
    color:rgb(196, 88, 118)  
}
```

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(196, 88, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 88, 118) }
```

Border

The CSS property to change the border of an element to YUV 123.7120, -2.8160, 63.3966 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(196, 88, 118) }
```


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

```
.border{ border-color:rgb(196, 88, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 88, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 88, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 88, 118);  
box-shadow:4px 4px 4px 4px rgb(196, 88,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 123.7120, -2.8160, 63.3966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 88, 118) }
```

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

```
.background{ background-color: rgb(196, 88,  
118) }
```

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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