

Converting Colors

YUV(136.9700, 5.9308, 57.9083)

Have a look what the booklet for
YUV(136.9700, 5.9308, 57.9083)
contains.

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Color

**YUV(136.9700, 5.9308,
57.9083)**

Conversions

Conversions Part 1

Format	Color
Hex	CB6595
RGB	203, 101, 149
RGB Percent	80%, 40%, 58%
CMY	0.2039, 0.6039, 0.4157
CMYK	0.00, 0.50, 0.27, 0.20
HSL	332°, 50%, 60%
HSV	332°, 50%, 80%
XYZ	34.7071, 24.1738, 31.2705
YIQ	136.9700, 45.3840, 36.5520

Conversions

Conversions Part 2

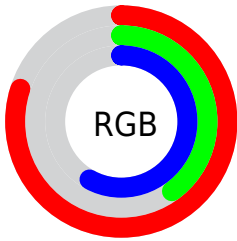
Format	Color
R _Y B	203, 101, 149
Decimal	13329813
CIE Lab	56.26, 45.91, -7.37
CIE LCh	56, 46.495, 350.886
Yxy	24.1738, 0.3850, 0.2681
Android (android.graphics.Color)	4291519893 (0xFFCB6595)
YUV	136.9700, 5.9308, 57.9083
Hunter-Lab	49.1669, 39.9619, -3.2921

Details

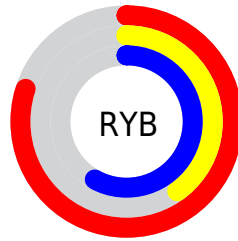
The YUV color **136.9700, 5.9308, 57.9083** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **167.0300, -5.9308, -57.9083**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.3720, 6.2256, 56.6788**, and **83.0020, 7.3940, 55.2492** is the 20% darker color. If you saturate the color by 10%, you get **123.9760, 6.9138, 69.3040**, and if you desaturate by 10%, it is **149.9640, 4.9477, 46.5126**.

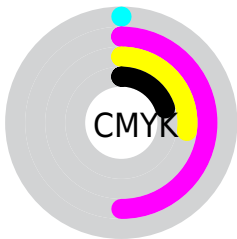
Distribution



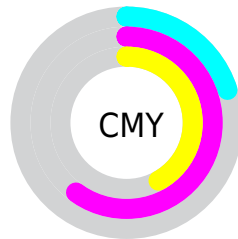
- Red (80%)
- Green (40%)
- Blue (58%)



- Red (80%)
- Yellow (40%)
- Blue (58%)



- Cyan (0%)
- Magenta (50%)
- Yellow (27%)
- Black (20%)



- Cyan (20%)
- Magenta (60%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.9700, 5.9308, 57.9083 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 136.9700, 5.9308, 57.9083 by changing the saturation by 10% instead.


 136.9700, 5.9308,
57.9083


 136.9700, 5.9308,
57.9083


255.0000, 0.0000,
0.0000


 110.0730, 6.3730,
56.0640

 190.3720, 6.2256,
56.6788


 83.0020, 7.3940,
55.2492


 210.0000, 10.3530,
39.4650


 54.6970, 10.0094,
56.3937

 229.1720, 12.7332,
22.6512

 33.4360, 9.1521,
51.3606

 246.1950, 4.3409,
7.7220

 22.9690, 3.9593,
36.8612

 13.0140, -4.4439,
25.4207

 0.0000, 0.0000,

0.0000

■ 136.9700, 5.9308,
57.9083

■ 136.9700, 5.9308,
57.9083

■ 123.9760, 6.9138,
69.3040

■ 149.9640, 4.9477,
46.5126

■ 110.5090, 8.6231,
81.1146

■ 163.4310, 3.2385,
34.7020

■ 97.5150, 9.6061,
92.5103

■ 176.4250, 2.2555,
23.3063

■ 84.5210, 10.5891,
103.9061

■ 189.4190, 1.2724,
11.9105

■ 71.6410, 12.0090,
115.2018

■ 203.0000, 0.0000,
0.0000

■ 215.8800, -1.4198,
-11.2958

■ 228.8740, -2.4029,
-22.6915

■ 237.1720, -1.0708,
-29.9688

■ 238.4260, 3.7340,
-31.0686

Harmonies

Analogous

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



139.2620, 23.0418, 29.5882



136.9700, 5.9308, 57.9083



134.3890, -13.0098, 66.3108

Triad

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



136.9700, 5.9308, 57.9083



127.9070, -35.9432, 1.8356



111.0950, 42.3512, -97.4303

Complementary

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



136.9700, 5.9308, 57.9083



167.0300, -5.9308, -57.9083

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.



109.4530, 25.9057, -95.9903



136.9700, 5.9308, 57.9083



121.9160, -19.6786, -35.0063

Square

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



136.9700, 5.9308, 57.9083



131.2960, -39.0929, 32.1894



104.1920, 8.2863, -91.3764



108.3370, 52.0919, -95.0115

Rectangle

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



136.9700, 5.9308, 57.9083



133.6690, -24.4868, 60.8033



104.1920, 8.2863, -91.3764



111.1290, 37.4044, -97.4601

Sweetspot

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



136.9700, 5.9308, 57.9083



230.4140, 2.2609, 21.5619



128.4750, 36.7408, 22.3854



113.0170, 0.9776, 13.1401



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.



136.9700, 5.9308, 57.9083



155.9550, 8.8962, 86.8625



132.6720, -15.6143, 61.6777



95.5600, 0.7099, 5.6479



58.5260, 9.6007, 94.2547



13.4140, 2.2609, 21.5619

Inverse Universe

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



136.9700, 5.9308, 57.9083



155.9550, 8.8962, 86.8625



171.3280, 15.6143, -61.6777



95.5600, 0.7099, 5.6479



58.5260, 9.6007, 94.2547



13.4140, 2.2609, 21.5619

Previews

White Background



This preview shows how the YUV color 136.9700, 5.9308, 57.9083 looks on a white background.

Color Contrast Check

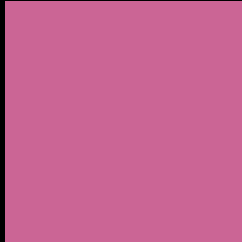
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.9700, 5.9308, 57.9083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

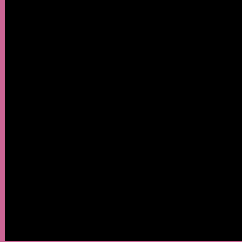
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.9700, 5.9308, 57.9083

Background



This preview shows how black text looks on a background with the YUV color 136.9700, 5.9308, 57.9083.



This preview shows how white text looks on a background with the YUV color 136.9700, 5.9308,

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

136.9700, 5.9308, 57.9083

Protanopia

135.8260, 17.3408, -8.6174

Deuteranopia

136.6680, 3.6147, 7.3072



Tritanopia

136.3060, -10.5039, 55.8596

Trichromacy



Original Color

136.9700, 5.9308, 57.9083

Protanomaly

136.2420, 13.1917, 15.5738

Deuteranomaly

136.7180, 4.5760, 25.6803

Tritanomaly

136.2120, -4.5415, 56.8191

Monochromacy



Original Color

136.9700, 5.9308, 57.9083

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.0010, 1.9715, 21.0471

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.9700, 5.9308, 57.9083 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(203, 101, 149)` looks like.

```
.text, #text, p{  
    color:rgb(203, 101, 149)  
}
```

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(203, 101, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 101, 149) }
```

Border

The CSS property to change the border of an element to YUV 136.9700, 5.9308, 57.9083 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(203, 101, 149) }
```


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

```
.border{ border-color:rgb(203, 101, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 101, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 101, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 101, 149);  
box-shadow:4px 4px 4px 4px rgb(203, 101,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 136.9700, 5.9308, 57.9083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 101, 149) }
```

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

```
.background{ background-color: rgb(203,  
101, 149) }
```

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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