

Converting Colors

YUV(140.4120, -1.1891,
54.8897)

Have a look what the booklet for
YUV(140.4120, -1.1891, 54.8897)
contains.

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Color

**YUV(140.4120, -1.1891,
54.8897)**

Conversions

Conversions Part 1

Format	Color
Hex	CB6D8A
RGB	203, 109, 138
RGB Percent	80%, 43%, 54%
CMY	0.2039, 0.5725, 0.4588
CMYK	0.00, 0.46, 0.32, 0.20
HSL	341°, 47%, 61%
HSV	341°, 46%, 80%
XYZ	34.6847, 25.4688, 27.1326
YIQ	140.4120, 46.7150, 28.9470

Conversions

Conversions Part 2

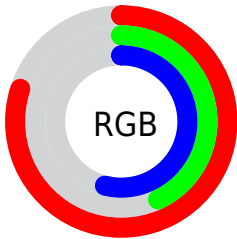
Format	Color
R_{YB}	203, 109, 138
Decimal	13331850
CIE _{Lab}	57.53, 40.37, 0.92
CIE _{LCh}	58, 40.377, 1.304
Yxy	25.4688, 0.3974, 0.2918
Android (android.graphics.Color)	4291521930 (0xFFCB6D8A)
YUV	140.4120, -1.1891, 54.8897
Hunter-Lab	50.4666, 34.3630, 3.4502

Details

The YUV color **140.4120, -1.1891, 54.8897** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **171.5880, 1.1891, -54.8897**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.7000, -1.3311, 53.7601**, and **87.7320, 0.1321, 51.1010** is the 20% darker color. If you saturate the color by 10%, you get **127.0760, -1.5165, 66.5853**, and if you desaturate by 10%, it is **153.7480, -0.8618, 43.1940**.

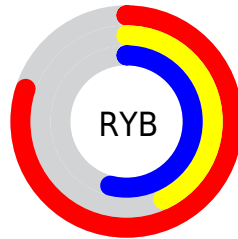
Distribution



Red (80%)

Green (43%)

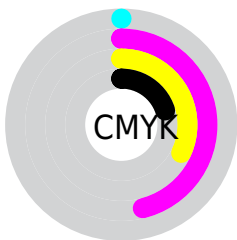
Blue (54%)



Red (80%)

Yellow (43%)

Blue (54%)

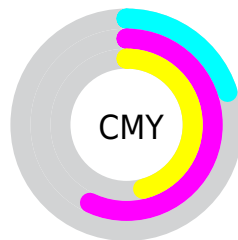


Cyan (0%)

Magenta (46%)

Yellow (32%)

Black (20%)



Cyan (20%)


Magenta (57%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.4120, -1.1891, 54.8897 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 140.4120, -1.1891, 54.8897 by changing the saturation by 10% instead.

 140.4120, -1.1891,
54.8897


 140.4120, -1.1891,
54.8897

255.0000, 0.0000,
0.0000

 113.6290, -0.3101,
52.9454


 193.7000, -1.3311,
53.7601


 87.7320, 0.1321,
51.1010

 212.7410, 3.0857,
37.0611


 61.7750, 1.5899,
50.1863

 233.0700, 7.3605,
19.2326

 32.4100, 5.2209,
52.2604

 250.8910, 2.0257,
3.6036

 22.0570, 0.4649,
37.6610

 12.6720, -5.7543,
25.7207

 0.0000, 0.0000,

0.0000

■ 140.4120, -1.1891,
54.8897

■ 140.4120, -1.1891,
54.8897

■ 127.0760, -1.5165,
66.5853

■ 153.7480, -0.8618,
43.1940

■ 113.1530, -1.5544,
78.7958

■ 167.6710, -0.8238,
30.9835

■ 99.8170, -1.8818,
90.4915

■ 181.0070, -0.4965,
19.2879

■ 86.4810, -2.2091,
102.1872

■ 194.3430, -0.1691,
7.5922

■ 73.1450, -2.5365,
113.8828

■ 208.2660, -0.1311,
-4.6183

■ 67.8790, -2.4053,
118.5011

■ 221.6020, 0.1962,
-16.3140

■ 234.9380, 0.5236,
-28.0096

■ 238.8820, 5.4812,
-31.4685

■ 239.4520, 7.6652,
-31.9684

Harmonies

Analogous

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



142.5310, 15.0212, 35.4913



140.4120, -1.1891, 54.8897



138.7700, -17.6346, 56.3297

Triad

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



140.4120, -1.1891, 54.8897



131.4310, -27.3275, -8.2710



111.3230, 43.2248, -97.6303

Complementary

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



140.4120, -1.1891, 54.8897



171.5880, 1.1891, -54.8897

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.



110.8210, 31.1472, -97.1900



140.4120, -1.1891, 54.8897



124.5760, -10.6370, -41.7242

Square

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



140.4120, -1.1891, 54.8897



135.1850, -34.1082, 20.0088



107.4180, 15.5699, -94.2056



130.6980, 38.1099, -43.5851

Rectangle

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



140.4120, -1.1891, 54.8897



138.0220, -26.6328, 49.0927



107.4180, 15.5699, -94.2056



111.6990, 39.5884, -97.9600

Sweetspot

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



140.4120, -1.1891, 54.8897



231.0180, -0.5019, 21.0322



138.8520, 31.6250, 29.9478



113.3760, -0.1854, 12.8252



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.



140.4120, -1.1891, 54.8897



159.7730, -1.8601, 83.5141



147.0850, -18.7759, 49.0375



95.3320, -0.1637, 5.8478



55.4480, -2.1929, 96.9541



12.7300, -0.3599, 22.1618

Inverse Universe

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



140.4120, -1.1891, 54.8897



159.7730, -1.8601, 83.5141



164.9150, 18.7759, -49.0375



95.3320, -0.1637, 5.8478



55.4480, -2.1929, 96.9541



12.7300, -0.3599, 22.1618

Previews

White Background



This preview shows how the YUV color 140.4120, -1.1891, 54.8897 looks on a white background.

Color Contrast Check

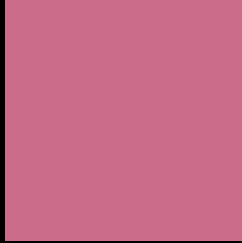
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.4120, -1.1891, 54.8897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

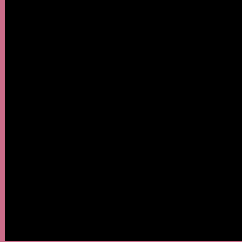
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 140.4120, -1.1891, 54.8897

Background



This preview shows how black text looks on a background with the YUV color 140.4120, -1.1891, 54.8897.



This preview shows how white text looks on a background with the YUV color 140.4120, -1.1891,

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

140.4120, -1.1891, 54.8897

Protanopia

139.3400, 7.7204, -2.9292

Deuteranopia

139.9800, -2.9481, 12.2955



Tritanopia

139.5230, -9.6248, 53.9153

Trichromacy



Original Color

140.4120, -1.1891, 54.8897

Protanomaly

139.3750, 4.7451, 18.0881

Deuteranomaly

140.1930, -2.5601, 27.8947

Tritanomaly

140.0330, -6.4253, 54.3451

Monochromacy



Original Color

140.4120, -1.1891, 54.8897

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.3060, -0.6439, 19.9026

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.4120, -1.1891, 54.8897 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, 109, 138)` looks like.

```
.text, #text, p{  
    color:rgb(203, 109, 138)  
}
```

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, 109, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 109, 138) }
```

Border

The CSS property to change the border of an element to YUV 140.4120, -1.1891, 54.8897 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, 109, 138) }
```


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

```
.border{ border-color:rgb(203, 109, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 109, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 109, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 109, 138);  
box-shadow:4px 4px 4px 4px rgb(203, 109,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 140.4120, -1.1891, 54.8897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 109, 138) }
```

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

```
.background{ background-color: rgb(203,  
109, 138) }
```

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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