

Converting Colors

YUV(140.4890, -4.6781,
53.9451)

Have a look what the booklet for
YUV(140.4890, -4.6781, 53.9451)
contains.

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Color

**YUV(140.4890, -4.6781,
53.9451)**

Conversions

Conversions Part 1

Format	Color
Hex	CA6F83
RGB	202, 111, 131
RGB Percent	79%, 44%, 51%
CMY	0.2078, 0.5647, 0.4863
CMYK	0.00, 0.45, 0.35, 0.21
HSL	347°, 46%, 61%
HSV	347°, 45%, 79%
XYZ	34.1383, 25.5641, 24.6078
YIQ	140.4890, 47.8160, 25.5120

Conversions

Conversions Part 2

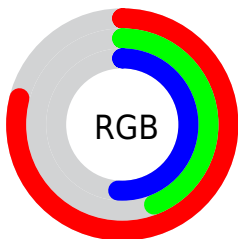
Format	Color
RYB	202, 111, 131
Decimal	13266819
CIELab	57.62, 38.08, 5.11
CIELCh	58, 38.426, 7.640
Yxy	25.5641, 0.4049, 0.3032
Android (android.graphics.Color)	4291456899 (0xFFCA6F83)
YUV	140.4890, -4.6781, 53.9451
Hunter-Lab	50.5610, 32.0398, 6.5365

Details

The YUV color **140.4890, -4.6781, 53.9451** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **172.5110, 4.6781, -53.9451**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.4890, -4.6781, 53.9451**, and **87.9230, -2.9200, 50.0565** is the 20% darker color. If you saturate the color by 10%, you get **126.9250, -5.8790, 65.8408**, and if you desaturate by 10%, it is **154.0530, -3.4771, 42.0495**.

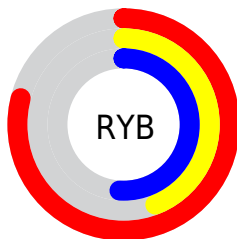
Distribution



Red (79%)

Green (44%)

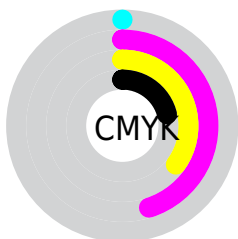
Blue (51%)



Red (79%)

Yellow (44%)

Blue (51%)

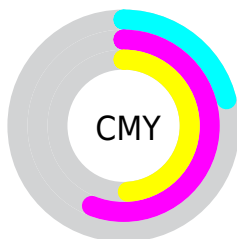


Cyan (0%)

Magenta (45%)

Yellow (35%)

Black (21%)



Cyan (21%)


Magenta (56%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YUV color 140.4890, -4.6781, 53.9451 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 140.4890, -4.6781, 53.9451 by changing the saturation by 10% instead.


 140.4890, -4.6781,
53.9451


 140.4890, -4.6781,
53.9451


255.0000, 0.0000,
0.0000


 113.7060, -3.7991,
52.0008

 193.4890, -4.6781,
53.9451


 87.9230, -2.9200,
50.0565


 213.0030, -0.9875,
36.8314


 62.5530, -1.7516,
48.6270

 232.7450, 3.5767,
19.5176

 33.7750, 1.5899,
50.1863

 251.4780, 1.7363,
3.0888

 20.9600, -2.4453,
37.7461

 12.3730, -5.6069,
25.1059

 0.0000, 0.0000,

0.0000

■ 140.4890, -4.6781,
53.9451

■ 140.4890, -4.6781,
53.9451

■ 126.9250, -5.8790,
65.8408

■ 154.0530, -3.4771,
42.0495

■ 113.3610, -7.0800,
77.7364

■ 167.6170, -2.2762,
30.1539

■ 99.3240, -7.5547,
90.0469

■ 181.6540, -1.8014,
17.8434

■ 85.7600, -8.7557,
101.9425

■ 195.2180, -0.6005,
5.9478

■ 72.1960, -9.9566,
113.8381

■ 208.7820, 0.6005,
-5.9478

■ 65.4140, -10.5571,
119.7859

■ 222.3460, 1.8014,
-17.8434

■ 235.7960, 2.5656,
-29.6391

■ 239.1530, 7.8126,
-32.5832

Harmonies

Analogous

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



142.2280, 11.2266, 39.2650



140.4890, -4.6781, 53.9451



138.8790, -19.6603, 52.7261

Triad

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



140.4890, -4.6781, 53.9451



130.8370, -23.0906, -13.8890



110.2630, 44.2403, -96.7007

Complementary

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



140.4890, -4.6781, 53.9451



172.5110, 4.6781, -53.9451

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.



110.6900, 33.1838, -97.0751



140.4890, -4.6781, 53.9451



124.3950, -6.1107, -46.8274

Square

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



140.4890, -4.6781, 53.9451



134.7220, -31.9079, 14.2758



108.2160, 18.6275, -94.9054



134.8630, 34.5775, -30.5749

Rectangle

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



140.4890, -4.6781, 53.9451



138.4620, -27.3428, 43.4448



108.2160, 18.6275, -94.9054



110.7530, 41.0408, -97.1304

Sweetspot

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



140.4890, -4.6781, 53.9451



230.6760, -1.8123, 21.3321



142.3040, 29.4301, 33.9364



113.1480, -1.0590, 13.0252



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.



140.4890, -4.6781, 53.9451



161.7960, -6.8014, 81.7399



152.2970, -20.3594, 43.5895



95.2180, -0.6005, 5.9478



53.7380, -8.7448, 98.4538



12.2740, -2.1071, 22.5617

Inverse Universe

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



140.4890, -4.6781, 53.9451



161.7960, -6.8014, 81.7399



160.7030, 20.3594, -43.5895



95.2180, -0.6005, 5.9478



53.7380, -8.7448, 98.4538



12.2740, -2.1071, 22.5617

Previews

White Background



This preview shows how the YUV color 140.4890, -4.6781, 53.9451 looks on a white background.

Color Contrast Check

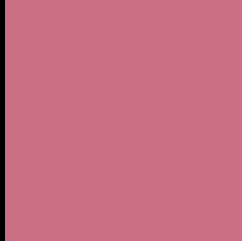
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.4890, -4.6781, 53.9451 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 140.4890, -4.6781, 53.9451

Background



This preview shows how black text looks on a background with the YUV color 140.4890, -4.6781, 53.9451.



This preview shows how white text looks on a background with the YUV color 140.4890, -4.6781,

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

140.4890, -4.6781, 53.9451

Protanopia

139.2110, 3.3470, -0.1850

Deuteranopia

140.0790, -6.4479, 14.8397



Tritanopia

140.2240, -9.4774, 53.3006

Trichromacy



Original Color

140.4890, -4.6781, 53.9451

Protanomaly

139.6480, 0.6665, 19.6027

Deuteranomaly

140.2810, -6.0545, 28.6946

Tritanomaly

140.0930, -7.4408, 53.4154

Monochromacy



Original Color

140.4890, -4.6781, 53.9451

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.0780, -1.5175, 20.1026

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.4890, -4.6781, 53.9451 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(202, 111, 131)` looks like.

```
.text, #text, p{  
    color:rgb(202, 111, 131)  
}
```

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(202, 111, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 111, 131) }
```

Border

The CSS property to change the border of an element to YUV 140.4890, -4.6781, 53.9451 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(202, 111, 131) }
```


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

```
.border{ border-color:rgb(202, 111, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 111, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 111, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 111, 131);  
box-shadow:4px 4px 4px 4px rgb(202, 111,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 140.4890, -4.6781, 53.9451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 111, 131) }
```

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

```
.background{ background-color: rgb(202,  
111, 131) }
```

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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