

Converting Colors

YUV(140.1170, 2.9003, 49.8864)

Have a look what the booklet for
YUV(140.1170, 2.9003, 49.8864)
contains.

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Color

**YUV(140.1170, 2.9003,
49.8864)**

Conversions

Conversions Part 1

Format	Color
Hex	C56E92
RGB	197, 110, 146
RGB Percent	77%, 43%, 57%
CMY	0.2275, 0.5686, 0.4275
CMYK	0.00, 0.44, 0.26, 0.23
HSL	335°, 43%, 60%
HSV	335°, 44%, 77%
XYZ	33.7902, 25.0975, 30.2575
YIQ	140.1170, 40.2960, 29.6400

Conversions

Conversions Part 2

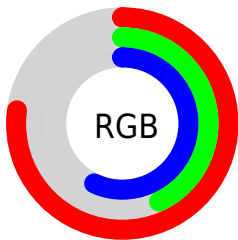
Format	Color
R _Y B	197, 110, 146
Decimal	12938898
CIE Lab	57.17, 38.82, -4.36
CIE LCh	57, 39.059, 353.595
Yxy	25.0975, 0.3790, 0.2815
Android (android.graphics.Color)	4291128978 (0xFFC56E92)
YUV	140.1170, 2.9003, 49.8864
Hunter-Lab	50.0974, 32.7260, -0.7414

Details

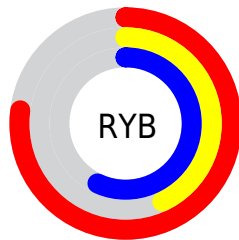
The YUV color **140.1170, 2.9003, 49.8864** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **166.8830, -2.9003, -49.8864**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.7260, 2.6001, 52.8603**, and **87.7360, 4.0742, 46.7125** is the 20% darker color. If you saturate the color by 10%, you get **127.0090, 3.4466, 61.3821**, and if you desaturate by 10%, it is **153.2250, 2.3541, 38.3907**.

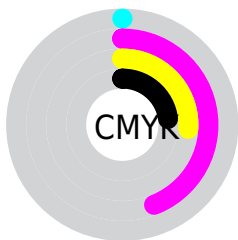
Distribution



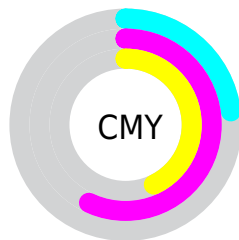
- Red (77%)
- Green (43%)
- Blue (57%)



- Red (77%)
- Yellow (43%)
- Blue (57%)



- Cyan (0%)
- Magenta (44%)
- Yellow (26%)
- Black (23%)





- Cyan (23%)
- Magenta (57%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YUV color 140.1170, 2.9003, 49.8864 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 140.1170, 2.9003, 49.8864 by changing the saturation by 10% instead.

 140.1170, 2.9003,
49.8864


 140.1170, 2.9003,
49.8864


255.0000, 0.0000,
0.0000


 113.5190, 3.1951,
48.6568


 194.7260, 2.6001,
52.8603


 87.7360, 4.0742,
46.7125

 214.3540, 6.7275,
35.6465


 62.2520, 4.8058,
45.3830

 233.8680, 10.4181,
18.5328

 33.4740, 8.1473,
46.9423

 250.8910, 2.0257,
3.6036

 21.8440, 3.5279,
35.2168

 12.0740, -5.4595,
24.4911

 0.0000, 0.0000,

0.0000

■ 140.1170, 2.9003,
49.8864

■ 140.1170, 2.9003,
49.8864

■ 127.0090, 3.4466,
61.3821

■ 153.2250, 2.3541,
38.3907

■ 114.6020, 4.1402,
72.2630

■ 165.6320, 1.6604,
27.5097

■ 101.4940, 4.6865,
83.7588

■ 178.7400, 1.1142,
16.0140

■ 88.5000, 5.6695,
95.1545

■ 191.7340, 0.1311,
4.6183

■ 75.9790, 5.9264,
106.1354

■ 204.8420, -0.4151,
-6.8774

■ 68.2510, 6.7783,
112.9129

■ 217.2490, -1.1088,
-17.7584

■ 230.3570, -1.6550,
-29.2541

■ 235.7200, 1.1240,
-33.9574

■ 237.0880, 6.3656,
-35.1572

Harmonies

Analogous

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



141.2850, 18.1005, 27.8141



140.1170, 2.9003, 49.8864



138.3230, -12.9772, 55.8447

Triad

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



140.1170, 2.9003, 49.8864



131.4320, -28.8070, -0.3789



110.4110, 39.7304, -96.8304

Complementary

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



140.1170, 2.9003, 49.8864



166.8830, -2.9003, -49.8864

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.



109.5670, 26.3425, -96.0903



140.1170, 2.9003, 49.8864



126.6760, -15.6163, -31.2879

Square

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



140.1170, 2.9003, 49.8864



135.1580, -33.1089, 26.1714



114.0740, 7.3585, -73.7329



126.4470, 38.7266, -54.7660

Rectangle

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



140.1170, 2.9003, 49.8864



137.4720, -22.4177, 50.4521



114.0740, 7.3585, -73.7329



110.6730, 35.6572, -97.0602

Sweetspot

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



140.1170, 2.9003, 49.8864



233.4630, 1.2507, 18.8879



135.1670, 30.4837, 22.6555



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.



140.1170, 2.9003, 49.8864



166.7490, 4.5607, 77.3961



140.1220, -14.8501, 49.8820



93.1470, 0.4205, 5.1331



56.4890, 5.6749, 93.4101



12.4740, 1.2453, 20.6323

Inverse Universe

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



140.1170, 2.9003, 49.8864



166.7490, 4.5607, 77.3961



166.8780, 14.8501, -49.8820



93.1470, 0.4205, 5.1331



56.4890, 5.6749, 93.4101



12.4740, 1.2453, 20.6323

Previews

White Background



This preview shows how the YUV color 140.1170, 2.9003, 49.8864 looks on a white background.

Color Contrast Check

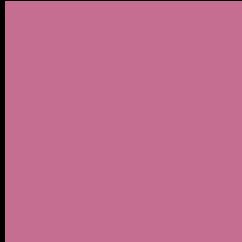
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.1170, 2.9003, 49.8864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

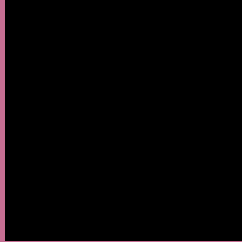
Any Text WCAG AA ✓ Pass

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 140.1170, 2.9003, 49.8864 Background



This preview shows how black text looks on a background with the YUV color 140.1170, 2.9003, 49.8864.



This preview shows how white text looks on a background with the YUV color 140.1170, 2.9003,

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

140.1170, 2.9003, 49.8864

Protanopia

138.4690, 12.0938, -5.6733

Deuteranopia

138.8100, 1.5727, 8.9366



Tritanopia

139.2450, -8.0088, 48.8971

Trichromacy



Original Color

140.1170, 2.9003, 49.8864

Protanomaly

139.0910, 8.8291, 14.8292

Deuteranomaly

139.3110, 1.8187, 23.4063

Tritanomaly

139.8690, -4.3724, 49.2269

Monochromacy



Original Color

140.1170, 2.9003, 49.8864

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.0500, 0.9614, 18.3732

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.1170, 2.9003, 49.8864 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(197, 110, 146)` looks like.

```
.text, #text, p{  
    color:rgb(197, 110, 146)  
}
```

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(197, 110, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 110, 146) }
```

Border

The CSS property to change the border of an element to YUV 140.1170, 2.9003, 49.8864 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(197, 110, 146) }
```


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

```
.border{ border-color:rgb(197, 110, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 110, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 110, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 110, 146);  
box-shadow:4px 4px 4px 4px rgb(197, 110,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 140.1170, 2.9003, 49.8864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 110, 146) }
```

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

```
.background{ background-color: rgb(197,  
110, 146) }
```

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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