

Converting Colors

YUV(140.3070, 4.7786, 54.1048)

Have a look what the booklet for
YUV(140.3070, 4.7786, 54.1048)
contains.

YUV(140.3070, 4.7786, 54.1048)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(140.3070, 4.7786,
54.1048)**

Conversions

Conversions Part 1

Format	Color
Hex	CA6B96
RGB	202, 107, 150
RGB Percent	79%, 42%, 59%
CMY	0.2078, 0.5804, 0.4118
CMYK	0.00, 0.47, 0.26, 0.21
HSL	333°, 47%, 61%
HSV	333°, 47%, 79%
XYZ	35.1198, 25.2740, 31.8815
YIQ	140.3070, 42.8170, 33.5130

Conversions

Conversions Part 2

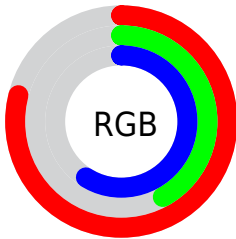
Format	Color
R _Y B	202, 107, 150
Decimal	13265814
CIE Lab	57.34, 42.66, -6.36
CIE LCh	57, 43.135, 351.525
Yxy	25.2740, 0.3806, 0.2739
Android (android.graphics.Color)	4291455894 (0xFFCA6B96)
YUV	140.3070, 4.7786, 54.1048
Hunter-Lab	50.2732, 36.7183, -2.4084

Details

The YUV color **140.3070, 4.7786, 54.1048** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **168.6930, -4.7786, -54.1048**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.0080, 4.9261, 53.4900**, and **86.9260, 5.9525, 50.9309** is the 20% darker color. If you saturate the color by 10%, you get **127.3130, 5.7617, 65.5005**, and if you desaturate by 10%, it is **153.3010, 3.7956, 42.7090**.

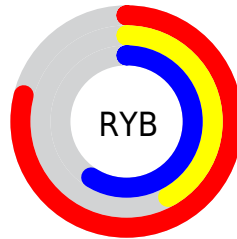
Distribution



Red (79%)

Green (42%)

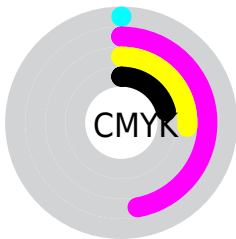
Blue (59%)



Red (79%)

Yellow (42%)

Blue (59%)

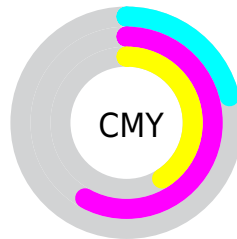


Cyan (0%)

Magenta (47%)

Yellow (26%)

Black (21%)



Cyan (21%)

Magenta (58%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YUV color 140.3070, 4.7786, 54.1048 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 140.3070, 4.7786, 54.1048 by changing the saturation by 10% instead.


 140.3070, 4.7786,
54.1048


 140.3070, 4.7786,
54.1048


255.0000, 0.0000,
0.0000


 113.4100, 5.2209,
52.2604


 194.0080, 4.9261,
53.4900


 86.9260, 5.9525,
50.9309


 213.0490, 9.3428,
36.7910


 60.2680, 7.2629,
50.6310

 232.6940, 10.9969,
19.5624

 33.2510, 9.7363,
50.6459

 249.7170, 2.6045,
4.6332

 23.0830, 4.3961,
36.7612

 13.5410, -3.7177,
25.8355

 0.0000, 0.0000,

0.0000

■ 140.3070, 4.7786,
54.1048

■ 140.3070, 4.7786,
54.1048

■ 127.3130, 5.7617,
65.5005

■ 153.3010, 3.7956,
42.7090

■ 114.3190, 6.7447,
76.8962

■ 166.2950, 2.8126,
31.3133

■ 100.7380, 8.0172,
88.8068

■ 179.8760, 1.5401,
19.4027

■ 87.7440, 9.0002,
100.2025

■ 192.8700, 0.5571,
8.0070

■ 74.7500, 9.9832,
111.5983

■ 205.8640, -0.4260,
-3.3887

■ 70.7720, 9.9724,
115.0870

■ 218.8580, -1.4090,
-14.7845

■ 231.8520, -2.3920,
-26.1802

■ 237.2150, 0.3870,
-30.8836

■ 238.5830, 5.6286,
-32.0833

Harmonies

Analogous

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



141.7950, 21.3001, 28.2438



140.3070, 4.7786, 54.1048



138.3560, -12.9935, 61.0778

Triad

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



140.3070, 4.7786, 54.1048



131.7050, -32.8856, 1.1357



112.1550, 41.3356, -98.3599

Complementary

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



140.3070, 4.7786, 54.1048



168.6930, -4.7786, -54.1048

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.



110.8550, 26.2005, -97.2198



140.3070, 4.7786, 54.1048



125.9810, -18.2316, -32.4323

Square

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



140.3070, 4.7786, 54.1048



134.9690, -36.4667, 29.8452



105.8220, 9.4548, -92.8059



119.4490, 45.6276, -74.9388

Rectangle

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



140.3070, 4.7786, 54.1048



137.5760, -23.4550, 56.4998



105.8220, 9.4548, -92.8059



112.3030, 36.8256, -98.4897

Sweetspot

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



140.3070, 4.7786, 54.1048



231.5880, 1.6821, 20.5323



133.0790, 33.9781, 21.8557



113.7180, 1.1250, 12.5253



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.



140.3070, 4.7786, 54.1048



162.1670, 7.3127, 81.4145



137.1660, -14.8718, 56.8594



95.4460, 0.2731, 5.7479



58.1840, 8.2903, 94.5546



13.3000, 1.8241, 21.6619

Inverse Universe

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



140.3070, 4.7786, 54.1048



162.1670, 7.3127, 81.4145



171.8340, 14.8718, -56.8594



95.4460, 0.2731, 5.7479



58.1840, 8.2903, 94.5546



13.3000, 1.8241, 21.6619

Previews

White Background



This preview shows how the YUV color 140.3070, 4.7786, 54.1048 looks on a white background.

Color Contrast Check

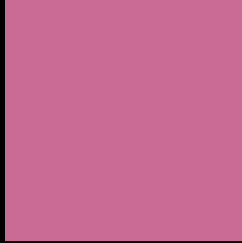
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.3070, 4.7786, 54.1048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

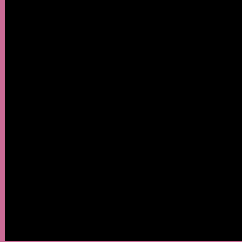
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 140.3070, 4.7786, 54.1048

Background



This preview shows how black text looks on a background with the YUV color 140.3070, 4.7786, 54.1048.



This preview shows how white text looks on a background with the YUV color 140.3070, 4.7786,

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

140.3070, 4.7786, 54.1048

Protanopia

138.8540, 14.8620, -6.8880

Deuteranopia

139.4400, 2.7411, 7.5071



Tritanopia

139.6260, -9.1826, 52.0710

Trichromacy



Original Color

140.3070, 4.7786, 54.1048

Protanomaly

139.3730, 11.1551, 15.4589

Deuteranomaly

139.7780, 3.5604, 24.7507

Tritanomaly

140.0050, -3.9465, 52.6156

Monochromacy



Original Color

140.3070, 4.7786, 54.1048

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.2890, 1.8295, 19.9175

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.3070, 4.7786, 54.1048 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, 107, 150)` looks like.

```
.text, #text, p{  
    color:rgb(202, 107, 150)  
}
```

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, 107, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 107, 150) }
```

Border

The CSS property to change the border of an element to YUV 140.3070, 4.7786, 54.1048 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, 107, 150) }
```


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

```
.border{ border-color:rgb(202, 107, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 107, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 107, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 107, 150);  
box-shadow:4px 4px 4px 4px rgb(202, 107,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 140.3070, 4.7786, 54.1048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 107, 150) }
```

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

```
.background{ background-color: rgb(202,  
107, 150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor