

Converting Colors

YUV(142.3700, 12.6356,
54.0495)

Have a look what the booklet for
YUV(142.3700, 12.6356, 54.0495)
contains.

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Color

**YUV(142.3700, 12.6356,
54.0495)**

Conversions

Conversions Part 1

Format	Color
Hex	CC6AA8
RGB	204, 106, 168
RGB Percent	80%, 42%, 66%
CMY	0.2000, 0.5843, 0.3412
CMYK	0.00, 0.48, 0.18, 0.20
HSL	322°, 49%, 61%
HSV	322°, 48%, 80%
XYZ	37.1238, 25.9726, 40.1024
YIQ	142.3700, 38.5060, 40.0580

Conversions

Conversions Part 2

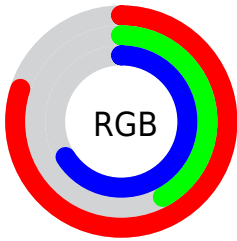
Format	Color
RYB	204, 106, 168
Decimal	13396648
CIELab	58.01, 46.48, -15.76
CIELCh	58, 49.074, 341.272
Yxy	25.9726, 0.3597, 0.2517
Android (android.graphics.Color)	4291586728 (0xFFCC6AA8)
YUV	142.3700, 12.6356, 54.0495
Hunter-Lab	50.9633, 40.8409, -10.9802

Details

The YUV color **142.3700, 12.6356, 54.0495** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **167.6300, -12.6356, -54.0495**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.5870, 13.5146, 52.1052**, and **88.5870, 13.5146, 52.1052** is the 20% darker color. If you saturate the color by 10%, you get **129.8320, 15.3658, 65.0453**, and if you desaturate by 10%, it is **154.9080, 9.9054, 43.0537**.

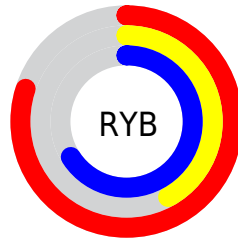
Distribution



Red (80%)

Green (42%)

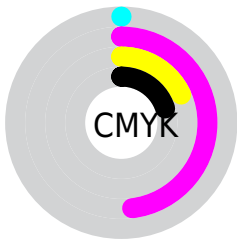
Blue (66%)



Red (80%)

Yellow (42%)

Blue (66%)

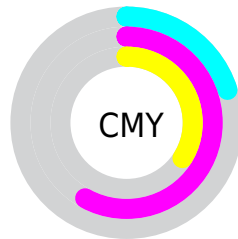


Cyan (0%)

Magenta (48%)

Yellow (18%)

Black (20%)



Cyan (20%)


Magenta (58%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.3700, 12.6356, 54.0495 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 142.3700, 12.6356, 54.0495 by changing the saturation by 10% instead.


 142.3700, 12.6356,
54.0495


 142.3700, 12.6356,
54.0495


255.0000, 0.0000,
0.0000


 115.4730, 13.0778,
52.2052


 195.5870, 13.5146,
52.1052


 88.5870, 13.5146,
52.1052


 215.3290, 18.0788,
34.7915

 60.9290, 14.8250,
51.8053

 232.1070, 11.2862,
20.0772

 35.5590, 15.9934,
50.3758

 249.1300, 2.8939,
5.1480

 25.1630, 9.7796,
36.6910

 16.3050, 4.2866,
25.1655

 0.0000, 0.0000,

0.0000

■ 142.3700, 12.6356,
54.0495

■ 142.3700, 12.6356,
54.0495

■ 129.8320, 15.3658,
65.0453

■ 154.9080, 9.9054,
43.0537

■ 116.5930, 17.9487,
76.6559

■ 168.1470, 7.3225,
31.4431

■ 104.0550, 20.6789,
87.6518

■ 180.6850, 4.5923,
20.4473

■ 90.8160, 23.2617,
99.2624

■ 193.9240, 2.0095,
8.8367

■ 78.2780, 25.9919,
110.2582

■ 206.4620, -0.7208,
-2.1592

■ 75.7020, 26.2759,
112.5173

■ 219.1140, -3.0142,
-13.2550

■ 232.2390, -6.0338,
-24.7656

■ 236.6730, -4.2758,
-28.6542

■ 237.4710, -1.2182,
-29.3541

Harmonies

Analogous

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



143.0200, 30.0631, 17.5225



142.3700, 12.6356, 54.0495



139.6050, -7.2003, 69.6294

Triad

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



142.3700, 12.6356, 54.0495



133.3060, -41.0699, 12.8866



115.5630, 39.1624, -101.3488

Complementary

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



142.3700, 12.6356, 54.0495



167.6300, -12.6356, -54.0495

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.



112.1770, 21.1117, -98.3792



142.3700, 12.6356, 54.0495



128.2180, -27.7155, -23.8702

Square

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



142.3700, 12.6356, 54.0495



136.5470, -39.7097, 43.3703



110.3580, -0.1765, -83.6290



113.7170, 52.3975, -99.7298

Rectangle

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



142.3700, 12.6356, 54.0495



138.4510, -20.4353, 68.0105



110.3580, -0.1765, -83.6290



114.7820, 33.6315, -100.6638

Sweetspot

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



142.3700, 12.6356, 54.0495



232.3860, 4.7397, 19.8325



127.9360, 37.4996, 12.3341



114.1740, 2.8722, 12.1254



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.



142.3700, 12.6356, 54.0495



161.9680, 19.2428, 81.5891



136.7840, -8.7675, 58.9484



95.6740, 1.1467, 5.5479



61.6040, 21.3942, 91.5553



14.0980, 4.8817, 20.9621

Inverse Universe

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



142.3700, 12.6356, 54.0495



161.9680, 19.2428, 81.5891



173.2160, 8.7675, -58.9484



95.6740, 1.1467, 5.5479



61.6040, 21.3942, 91.5553



14.0980, 4.8817, 20.9621

Previews

White Background



This preview shows how the YUV color 142.3700, 12.6356, 54.0495 looks on a white background.

Color Contrast Check

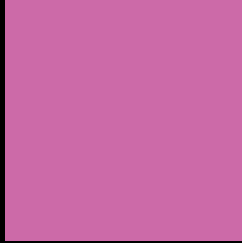
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.3700, 12.6356, 54.0495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

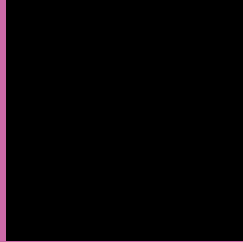
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 142.3700, 12.6356, 54.0495

Background



This preview shows how black text looks on a background with the YUV color 142.3700, 12.6356, 54.0495.



This preview shows how white text looks on a background with the YUV color 142.3700, 12.6356, 54.0495.

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

142.3700, 12.6356, 54.0495

Protanopia

139.8560, 25.2140, -13.9057

Deuteranopia

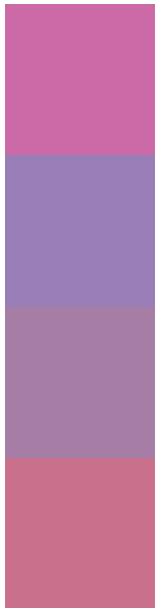
140.8720, 10.9091, 0.9893



Tritanopia

141.1420, -8.4510, 50.7415

Trichromacy



Original Color

142.3700, 12.6356, 54.0495

Protanomaly

140.5710, 20.9175, 10.9002

Deuteranomaly

141.5200, 11.5756, 20.5920

Tritanomaly

141.8030, -0.8889, 51.9158

Monochromacy



Original Color

142.3700, 12.6356, 54.0495

Achromatopsia

142.0000, 0.0000, 0.0000

Achromatomaly

142.2720, 4.3029, 19.9325

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.3700, 12.6356, 54.0495 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(204, 106, 168)` looks like.

```
.text, #text, p{  
    color:rgb(204, 106, 168)  
}
```

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(204, 106, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 106, 168) }
```

Border

The CSS property to change the border of an element to YUV 142.3700, 12.6356, 54.0495 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(204, 106, 168) }
```


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

```
.border{ border-color:rgb(204, 106, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 106, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 106, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 106, 168);  
box-shadow:4px 4px 4px 4px rgb(204, 106,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 142.3700, 12.6356, 54.0495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 106, 168) }
```

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

```
.background{ background-color: rgb(204,  
106, 168) }
```

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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