

Converting Colors

YUV(142.8650, 8.4476, 43.9684)

Have a look what the booklet for
YUV(142.8650, 8.4476, 43.9684)
contains.

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Color

**YUV(142.8650, 8.4476,
43.9684)**

Conversions

Conversions Part 1

Format	Color
Hex	C172A0
RGB	193, 114, 160
RGB Percent	76%, 45%, 63%
CMY	0.2431, 0.5529, 0.3725
CMYK	0.00, 0.41, 0.17, 0.24
HSL	325°, 39%, 60%
HSV	325°, 41%, 76%
XYZ	34.3548, 25.9101, 36.4482
YIQ	142.8650, 32.3180, 31.0540

Conversions

Conversions Part 2

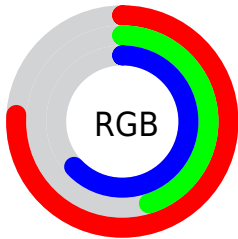
Format	Color
R_{YB}	193, 114, 160
Decimal	12677792
CIE _{Lab}	57.95, 37.41, -11.37
CIE _{LCh}	58, 39.098, 343.101
Yxy	25.9101, 0.3552, 0.2679
Android (android.graphics.Color)	4290867872 (0xFFC172A0)
YUV	142.8650, 8.4476, 43.9684
Hunter-Lab	50.9020, 31.3947, -6.8229

Details

The YUV color **142.8650, 8.4476, 43.9684** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **164.1350, -8.4476, -43.9684**, and the grayscale version is **143.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.5880, 8.5841, 46.8423**, and **90.5550, 8.6004, 41.6093** is the 20% darker color. If you saturate the color by 10%, you get **130.8000, 10.4516, 54.5494**, and if you desaturate by 10%, it is **154.9300, 6.4435, 33.3874**.

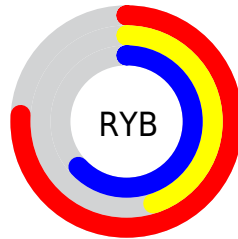
Distribution



Red (76%)

Green (45%)

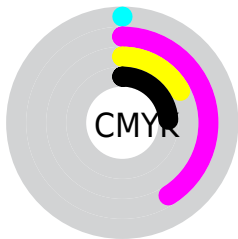
Blue (63%)



Red (76%)

Yellow (45%)

Blue (63%)

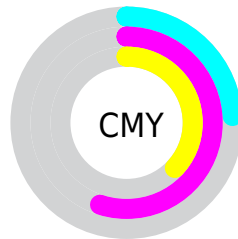


Cyan (0%)

Magenta (41%)

Yellow (17%)

Black (24%)



Cyan (24%)


Magenta (55%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 142.8650, 8.4476, 43.9684 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 142.8650, 8.4476, 43.9684 by changing the saturation by 10% instead.


 142.8650, 8.4476,
43.9684


 142.8650, 8.4476,
43.9684


255.0000, 0.0000,
0.0000

 116.2670, 8.7424,
42.7388


 197.5880, 8.5841,
46.8423

 90.5550, 8.6004,
41.6093

 218.4120, 12.1219,
32.0877


 65.0710, 9.3320,
40.2797

 236.2160, 9.2605,
16.4736

 38.8260, 10.9318,
40.4946

 253.2390, 0.8682,
1.5444

 22.3860, 8.1907,
32.9875

 13.7130, 2.1135,
22.1767

 0.0000, 0.0000,

0.0000

■ 142.8650, 8.4476,
43.9684

■ 142.8650, 8.4476,
43.9684

■ 130.8000, 10.4516,
54.5494

■ 154.9300, 6.4435,
33.3874

■ 118.1480, 12.7450,
65.6452

■ 167.5820, 4.1501,
22.2916

■ 106.0830, 14.7491,
76.2262

■ 179.6470, 2.1460,
11.7106

■ 94.0180, 16.7531,
86.8072

■ 191.7120, 0.1420,
1.1296

■ 81.9530, 18.7572,
97.3882

■ 204.3640, -2.1515,
-9.9662

■ 70.4750, 20.4718,
107.4544

■ 216.4290, -4.1555,
-20.5472

■ 228.4940, -6.1595,
-31.1282

■ 232.9280, -4.4015,
-35.0169

■ 233.9540, -0.4703,
-35.9167

Harmonies

Analogous

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



143.3590, 22.5010, 16.3482



142.8650, 8.4476, 43.9684



141.2890, -8.0305, 55.8745

Triad

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



142.8650, 8.4476, 43.9684



135.1020, -31.6023, 9.5575



112.0750, 35.9520, -98.2898

Complementary

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



142.8650, 8.4476, 43.9684



164.1350, -8.4476, -43.9684

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.



109.7150, 21.8325, -96.2201



142.8650, 8.4476, 43.9684



130.9610, -21.1798, -20.1368

Square

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



142.8650, 8.4476, 43.9684



138.2560, -31.6782, 33.9785



122.6650, -2.2998, -55.8342



119.1020, 41.8547, -78.1425

Rectangle

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



142.8650, 8.4476, 43.9684



139.7590, -17.6292, 54.5854



122.6650, -2.2998, -55.8342



111.6360, 31.7315, -97.9048

Sweetspot

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



142.8650, 8.4476, 43.9684



230.9080, 3.0034, 16.7437



132.8730, 29.6426, 12.3894



113.6360, 2.1515, 9.9662



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



142.8650, 8.4476, 43.9684



171.9850, 13.3184, 68.4192



138.4190, -8.5876, 47.8675



90.6740, 1.1467, 5.5479



58.8550, 17.3265, 89.5812



12.0330, 3.4347, 18.3881

Inverse Universe

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



142.8650, 8.4476, 43.9684



171.9850, 13.3184, 68.4192



168.5810, 8.5876, -47.8675



90.6740, 1.1467, 5.5479



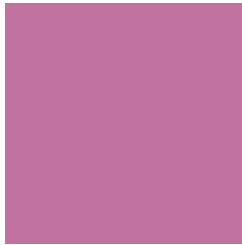
58.8550, 17.3265, 89.5812



12.0330, 3.4347, 18.3881

Previews

White Background



This preview shows how the YUV color 142.8650, 8.4476, 43.9684 looks on a white background.

Color Contrast Check

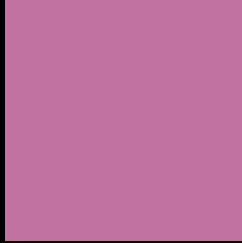
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.8650, 8.4476, 43.9684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

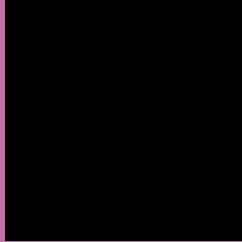
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 142.8650, 8.4476, 43.9684

Background



This preview shows how black text looks on a background with the YUV color 142.8650, 8.4476, 43.9684.



This preview shows how white text looks on a background with the YUV color 142.8650, 8.4476,

43.9684.

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

142.8650, 8.4476, 43.9684

Protanopia

139.9400, 17.7776, -8.7174

Deuteranopia

141.2700, 7.2619, 4.1482



Tritanopia

141.9560, -6.3873, 42.1346

Trichromacy



Original Color

142.8650, 8.4476, 43.9684

Protanomaly

140.8500, 14.3710, 10.6556

Deuteranomaly

141.7710, 7.5079, 18.6178

Tritanomaly

142.3350, -1.1512, 42.6792

Monochromacy



Original Color

142.8650, 8.4476, 43.9684

Achromatopsia

143.0000, 0.0000, 0.0000

Achromatomaly

142.6090, 3.1508, 16.1289

CSS Examples

Text

The CSS property to change the color of the text to YUV 142.8650, 8.4476, 43.9684 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(193, 114, 160)` looks like.

```
.text, #text, p{  
    color:rgb(193, 114, 160)  
}
```

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(193, 114, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 114, 160) }
```

Border

The CSS property to change the border of an element to YUV 142.8650, 8.4476, 43.9684 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(193, 114, 160) }
```


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

```
.border{ border-color:rgb(193, 114, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 114, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 114, 160); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 114, 160); box-shadow:4px 4px 4px 4px rgb(193, 114, 160) }
```

Background

The CSS property to change the background color of an element to YUV 142.8650, 8.4476, 43.9684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 114, 160) }
```

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

```
.background{ background-color: rgb(193,  
114, 160) }
```

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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