

Converting Colors

YUV(158.0280, 11.3252,
54.3494)

Have a look what the booklet for
YUV(158.0280, 11.3252, 54.3494)
contains.

YUV(158.0280, 11.3252, 54.3494)	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(158.0280, 11.3252,
54.3494)**

Conversions

Conversions Part 1

Format	Color
Hex	DC7AB5
RGB	220, 122, 181
RGB Percent	86%, 48%, 71%
CMY	0.1373, 0.5216, 0.2902
CMYK	0.00, 0.45, 0.18, 0.14
HSL	324°, 58%, 67%
HSV	324°, 45%, 86%
XYZ	44.8152, 32.4709, 47.6216
YIQ	158.0280, 39.4690, 39.1250

Conversions

Conversions Part 2

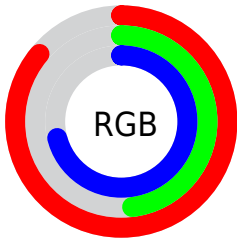
Format	Color
R _Y B	220, 122, 181
Decimal	14449333
CIE Lab	63.73, 45.50, -14.35
CIE LCh	64, 47.708, 342.498
Yxy	32.4709, 0.3588, 0.2600
Android (android.graphics.Color)	4292639413 (0xFFDC7AB5)
YUV	158.0280, 11.3252, 54.3494
Hunter-Lab	56.9832, 40.6630, -9.6611

Details

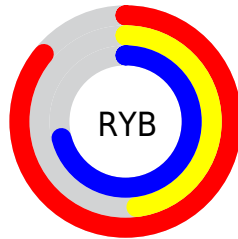
The YUV color **158.0280, 11.3252, 54.3494** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **183.9720, -11.3252, -54.3494**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.1620, 14.7101, 41.9539**, and **103.8320, 11.9148, 51.8903** is the 20% darker color. If you saturate the color by 10%, you get **144.0880, 13.7606, 66.5748**, and if you desaturate by 10%, it is **171.9680, 8.8898, 42.1241**.

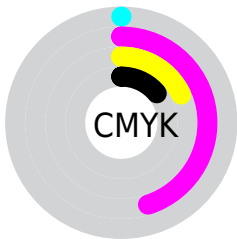
Distribution



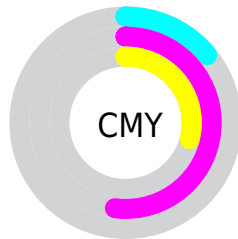
- Red (86%)
- Green (48%)
- Blue (71%)



- Red (86%)
- Yellow (48%)
- Blue (71%)



- Cyan (0%)
- Magenta (45%)
- Yellow (18%)
- Black (14%)



- Cyan (14%)
- Magenta (52%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.0280, 11.3252, 54.3494 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 158.0280, 11.3252, 54.3494 by changing the saturation by 10% instead.

158.0280, 11.3252,
54.3494

158.0280, 11.3252,
54.3494

255.0000, 0.0000,
0.0000

131.0170, 11.3306,
52.6051

207.1620, 14.7101,
41.9539

103.8320, 11.9148,
51.8903

225.6500, 14.4696,
25.7400

77.3480, 12.6464,
50.5608

242.0860, 6.3666,
11.3256

48.3420, 15.1144,
52.3201

30.9020, 12.3733,
44.8129

20.9190, 6.4489,
31.6430

10.2950, -0.6384,

18.1583

■ 0.0000, 0.0000,
0.0000

■ 158.0280, 11.3252,
54.3494

■ 158.0280, 11.3252,
54.3494

■ 144.0880, 13.7606,
66.5748

■ 171.9680, 8.8898,
42.1241

■ 130.1480, 16.1960,
78.8002

■ 185.9080, 6.4544,
29.8987

■ 116.3220, 19.0683,
90.9256

■ 199.7340, 3.5821,
17.7733

■ 102.3820, 21.5037,
103.1510

■ 213.6740, 1.1467,
5.5479

■ 88.4420, 23.9391,
115.3764

■ 227.6140, -1.2887,
-6.6775

■ 80.8280, 25.2278,
122.0538

■ 241.5540, -3.7241,
-18.9029

■ 243.0530, -0.5191,
-20.2175

■ 244.0790, 3.4121,
-21.1173

■ 244.5350, 5.1592,
-21.5172

Harmonies

Analogous

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



158.6890, 28.7473, 19.5667



158.0280, 11.3252, 54.3494



155.5510, -8.6526, 68.7998

Triad

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



158.0280, 11.3252, 54.3494



148.9360, -39.9014, 11.4571



125.6050, 42.0997, -110.1556

Complementary

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



158.0280, 11.3252, 54.3494



183.9720, -11.3252, -54.3494

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.



122.8060, 23.7596, -107.7009



158.0280, 11.3252, 54.3494



143.1470, -26.6945, -24.6849

Square

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



158.0280, 11.3252, 54.3494



151.9490, -39.4149, 42.1407



130.3700, -1.6614, -73.9925



124.2320, 54.6086, -108.9515

Rectangle

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



158.0280, 11.3252, 54.3494



154.5110, -21.4509, 67.0809



130.3700, -1.6614, -73.9925



125.4110, 36.2794, -109.9854

Sweetspot

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



158.0280, 11.3252, 54.3494



234.1470, 3.8715, 18.2881



144.5340, 37.2047, 13.5637



114.6470, 2.1460, 11.7106



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.



158.0280, 11.3252, 54.3494



169.5990, 15.4807, 74.8967



152.5560, -9.6411, 59.1484



102.9730, 0.9993, 6.1627



63.5830, 19.9256, 95.9587



16.9460, 5.4496, 25.4804

Inverse Universe

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



158.0280, 11.3252, 54.3494



169.5990, 15.4807, 74.8967



189.4440, 9.6411, -59.1484



102.9730, 0.9993, 6.1627



63.5830, 19.9256, 95.9587



16.9460, 5.4496, 25.4804

Previews

White Background



This preview shows how the YUV color 158.0280, 11.3252, 54.3494 looks on a white background.

Color Contrast Check

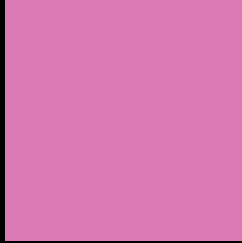
Large Text (above 18pt) WCAG AA × Fail

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 158.0280, 11.3252, 54.3494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

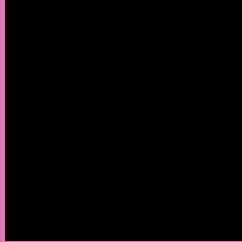
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.0280, 11.3252, 54.3494

Background



This preview shows how black text looks on a background with the YUV color 158.0280, 11.3252, 54.3494.



This preview shows how white text looks on a background with the YUV color 158.0280, 11.3252, 54.3494.

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

158.0280, 11.3252, 54.3494

Protanopia

155.4110, 23.4614, -11.7614

Deuteranopia

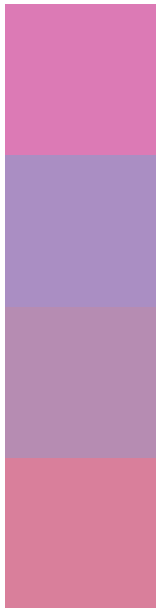
156.5410, 9.5933, 3.0335



Tritanopia

156.8540, -8.3090, 51.8710

Trichromacy



Original Color

158.0280, 11.3252, 54.3494

Protanomaly

156.4140, 19.0229, 11.9149

Deuteranomaly

156.8900, 10.4072, 22.0215

Tritanomaly

157.1020, -1.0363, 52.5305

Monochromacy



Original Color

158.0280, 11.3252, 54.3494

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.1580, 3.8661, 20.0324

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.0280, 11.3252, 54.3494 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(220, 122, 181)` looks like.

```
.text, #text, p{  
    color:rgb(220, 122, 181)  
}
```

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(220, 122, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 122, 181) }
```

Border

The CSS property to change the border of an element to YUV 158.0280, 11.3252, 54.3494 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(220, 122, 181) }
```


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

```
.border{ border-color:rgb(220, 122, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 122, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 122, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 122, 181);  
box-shadow:4px 4px 4px 4px rgb(220, 122,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 158.0280, 11.3252, 54.3494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 122, 181) }
```

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

```
.background{ background-color: rgb(220,  
122, 181) }
```

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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