

Converting Colors

YUV(158.3510, 38.2810,
41.7882)

Have a look what the booklet for
YUV(158.3510, 38.2810, 41.7882)
contains.

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Color

**YUV(158.3510, 38.2810,
41.7882)**

Conversions

Conversions Part 1

Format	Color
Hex	CE77EC
RGB	206, 119, 236
RGB Percent	81%, 47%, 93%
CMY	0.1922, 0.5333, 0.0745
CMYK	0.13, 0.50, 0.00, 0.07
HSL	285°, 75%, 70%
HSV	285°, 50%, 93%
XYZ	47.1907, 32.3716, 83.1180
YIQ	158.3510, 14.2950, 54.8310

Conversions

Conversions Part 2

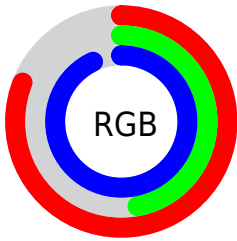
Format	Color
R _Y B	206, 119, 236
Decimal	13531116
CIE _{Lab}	63.65, 52.61, -45.46
CIE _{LCh}	64, 69.528, 319.169
Yxy	32.3716, 0.2901, 0.1990
Android (android.graphics.Color)	4291721196 (0xFFCE77EC)
YUV	158.3510, 38.2810, 41.7882
Hunter-Lab	56.8960, 48.4835, -46.7880

Details

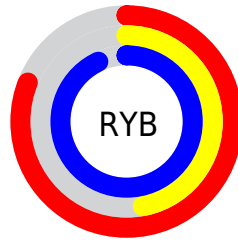
The YUV color **158.3510, 38.2810, 41.7882** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **196.6490, -38.2810, -41.7882**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.4530, 23.4407, 41.6987**, and **103.8130, 37.5602, 39.6290** is the 20% darker color. If you saturate the color by 10%, you get **142.4690, 46.1108, 50.4547**, and if you desaturate by 10%, it is **174.2330, 30.4511, 33.1217**.

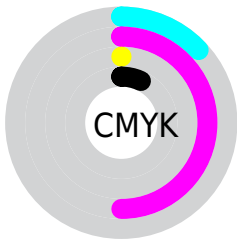
Distribution



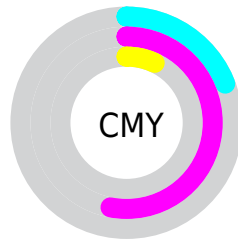
- Red (81%)
- Green (47%)
- Blue (93%)



- Red (81%)
- Yellow (47%)
- Blue (93%)



- Cyan (13%)
- Magenta (50%)
- Yellow (0%)
- Black (7%)





- Cyan (19%)
- Magenta (53%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 158.3510, 38.2810, 41.7882 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 158.3510, 38.2810, 41.7882 by changing the saturation by 10% instead.


 158.3510, 38.2810,
41.7882


 158.3510, 38.2810,
41.7882


255.0000, 0.0000,
0.0000

 130.5250, 37.7022,
40.7586


 207.4530, 23.4407,
41.6987


 103.8130, 37.5602,
39.6290


 223.8890, 15.3377,
27.2843

 76.6990, 37.1234,
39.7290

 240.9120, 6.9454,
12.3552

 44.5300, 40.1647,
44.2622

 31.7320, 33.6561,
31.8070

 21.5210, 26.8581,
18.8371

 9.5160, 20.9446,

2.1785

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 158.3510, 38.2810,
41.7882

■ 158.3510, 38.2810,
41.7882

■ 142.4690, 46.1108,
50.4547

■ 174.2330, 30.4511,
33.1217

■ 127.1740, 53.6512,
58.6064

■ 189.5280, 22.9107,
24.9699

■ 111.2920, 61.4810,
67.2729

■ 205.4100, 15.0809,
16.3034

■ 95.9970, 69.0215,
75.4246

■ 220.7050, 7.5404,
8.1517

80.1150, 76.8513,
84.0911

236.5870, -0.2894,
-0.5148

79.2290, 77.2881,
83.9912

248.9470, -6.3829,
-6.0925

250.7410, -7.2673,
-2.4039

252.5350, -8.1518,
1.2848

252.8340, -8.2992,
1.8996

Harmonies

Analogous

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



147.0530, 53.2179, -36.0035



158.3510, 38.2810, 41.7882



151.5300, 13.5427, 89.8662

Triad

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



158.3510, 38.2810, 41.7882



144.8660, -70.4329, 50.9835



129.4230, 31.3435, -113.5040

Complementary

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



158.3510, 38.2810, 41.7882



196.6490, -38.2810, -41.7882

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.



120.9530, 3.9672, -106.0758



158.3510, 38.2810, 41.7882



139.6770, -67.3818, 5.5453

Square

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



158.3510, 38.2810, 41.7882



148.8880, -43.3288, 84.2902



130.0970, -31.1068, -56.2131



133.2310, 56.0881, -116.8436

Rectangle

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



158.3510, 38.2810, 41.7882



145.3940, -3.6452, 96.1245



130.0970, -31.1068, -56.2131



127.0290, 22.1707, -111.4044

Sweetspot

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



158.3510, 38.2810, 41.7882



229.7040, 12.4709, 13.4146



150.5350, 42.1342, -27.6562



112.7050, 7.5404, 8.1517



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.



158.3510, 38.2810, 41.7882



155.2890, 49.1575, 53.2435



164.2430, 22.0652, 62.9309



109.6460, 3.6255, 3.8185



60.9990, 59.1605, 64.8989



18.1160, 17.6908, 19.1923

Inverse Universe

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



157.4030, -4.1427, 68.9296



154.1820, -5.5127, 88.4174



190.7570, -22.0652, -62.9309



109.6310, -0.3111, 6.4626



59.3630, -6.5880, 106.6756



17.7420, -1.8448, 31.7983

Previews

White Background



This preview shows how the YUV color 158.3510, 38.2810, 41.7882 looks on a white background.

Color Contrast Check

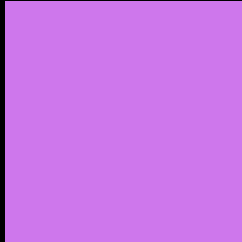
Large Text (above 18pt) WCAG AA × Fail

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 158.3510, 38.2810, 41.7882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

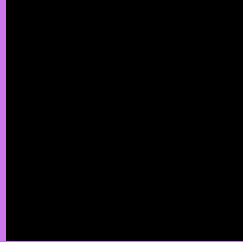
Any Text WCAG AA ✓ Pass

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 158.3510, 38.2810, 41.7882 Background



This preview shows how black text looks on a background with the YUV color 158.3510, 38.2810, 41.7882.



This preview shows how white text looks on a background with the YUV color 158.3510, 38.2810,

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

158.3510, 38.2810, 41.7882

Protanopia

151.1950, 51.1759, -34.3740

Deuteranopia

152.6830, 37.6243, -27.7860



Tritanopia

157.2860, -3.5920, 32.1982

Trichromacy



Original Color

158.3510, 38.2810, 41.7882



Protanomaly

153.5190, 46.5791, -6.5942



Deuteranomaly

154.6630, 38.1271, -2.3355



Tritanomaly

157.3200, 11.6742, 35.6764

Monochromacy



Original Color

158.3510, 38.2810, 41.7882



Achromatopsia

158.0000, 0.0000, 0.0000



Achromatomaly

158.0570, 13.7759, 14.8590

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.3510, 38.2810, 41.7882 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(206, 119, 236)` looks like.

```
.text, #text, p{  
    color:rgb(206, 119, 236)  
}
```

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(206, 119, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 119, 236) }
```

Border

The CSS property to change the border of an element to YUV 158.3510, 38.2810, 41.7882 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(206, 119, 236) }
```


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

```
.border{ border-color:rgb(206, 119, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 119, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 119, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 119, 236);  
box-shadow:4px 4px 4px 4px rgb(206, 119,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 158.3510, 38.2810, 41.7882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 119, 236) }
```

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

```
.background{ background-color: rgb(206,  
119, 236) }
```

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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