

Converting Colors

YUV(153.8490, 5.9904, 38.7204)

Have a look what the booklet for
YUV(153.8490, 5.9904, 38.7204)
contains.

YUV(153.8490, 5.9904, 38.7204)	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(153.8490, 5.9904,
38.7204)**

Conversions

Conversions Part 1

Format	Color
Hex	C681A6
RGB	198, 129, 166
RGB Percent	78%, 51%, 65%
CMY	0.2235, 0.4941, 0.3490
CMYK	0.00, 0.35, 0.16, 0.22
HSL	328°, 38%, 64%
HSV	328°, 35%, 78%
XYZ	38.0219, 30.4595, 39.9517
YIQ	153.8490, 29.2470, 26.1350

Conversions

Conversions Part 2

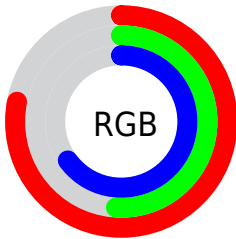
Format	Color
R _Y B	198, 129, 166
Decimal	13009318
CIE Lab	62.05, 32.00, -8.62
CIE LCh	62, 33.136, 344.930
Yxy	30.4595, 0.3506, 0.2809
Android (android.graphics.Color)	4291199398 (0xFFC681A6)
YUV	153.8490, 5.9904, 38.7204
Hunter-Lab	55.1901, 26.3907, -4.2865

Details

The YUV color **153.8490, 5.9904, 38.7204** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **173.1510, -5.9904, -38.7204**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.8600, 5.9850, 40.4648**, and **101.5390, 6.1433, 36.3613** is the 20% darker color. If you saturate the color by 10%, you get **141.0830, 7.8471, 49.9162**, and if you desaturate by 10%, it is **166.6150, 4.1338, 27.5246**.

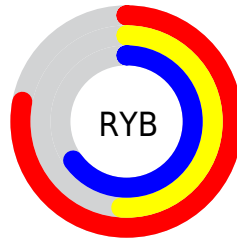
Distribution



Red (78%)

Green (51%)

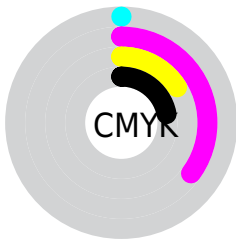
Blue (65%)



Red (78%)

Yellow (51%)

Blue (65%)

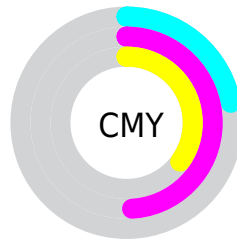


Cyan (0%)

Magenta (35%)

Yellow (16%)

Black (22%)



Cyan (22%)

Magenta (49%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 153.8490, 5.9904, 38.7204 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 153.8490, 5.9904, 38.7204 by changing the saturation by 10% instead.

 153.8490, 5.9904,
38.7204


 153.8490, 5.9904,
38.7204

255.0000, 0.0000,
0.0000


 127.2510, 6.2853,
37.4909


 208.8600, 5.9850,
40.4648


 101.5390, 6.1433,
36.3613

 228.6020, 10.5492,
23.1510

 76.6420, 6.5855,
34.5170

 245.6080, 4.6303,
8.2368

 52.3430, 6.7329,
33.9022

 27.0980, 8.3327,
34.1171

 15.8920, 3.9972,
24.6507

 0.0000, 0.0000,

0.0000

■ 153.8490, 5.9904,
38.7204

■ 153.8490, 5.9904,
38.7204

■ 141.0830, 7.8471,
49.9162

■ 166.6150, 4.1338,
27.5246

■ 128.3170, 9.7037,
61.1120

■ 179.3810, 2.2772,
16.3289

■ 116.0240, 10.8342,
71.8930

■ 191.6740, 1.1467,
5.5479

■ 103.2580, 12.6908,
83.0887

■ 204.4400, -0.7099,
-5.6479

■ 90.4920, 14.5474,
94.2845

■ 217.2060, -2.5666,
-16.8437

■ 77.7260, 16.4041,
105.4803

■ 229.9720, -4.4232,
-28.0394

■ 71.2860, 17.1140,
111.1282

■ 235.1070, -2.5178,
-32.5428

■ 236.1330, 1.4134,
-33.4426

■ 237.2730, 5.7814,
-34.4424

Harmonies

Analogous

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



153.7350, 18.8646, 16.0184



153.8490, 5.9904, 38.7204



152.8320, -8.2982, 48.3823

Triad

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



153.8490, 5.9904, 38.7204



146.6440, -26.9395, 7.3282



128.7030, 30.2194, -79.5465

Complementary

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



153.8490, 5.9904, 38.7204



173.1510, -5.9904, -38.7204

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.



130.1910, 16.6678, -72.9585



153.8490, 5.9904, 38.7204



142.5960, -17.5488, -18.0627

Square

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



153.8490, 5.9904, 38.7204



149.2600, -27.7362, 29.5900



137.5460, -1.7482, -46.0828



140.4600, 32.3112, -50.3924

Rectangle

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



153.8490, 5.9904, 38.7204



151.6440, -16.5865, 46.7932



137.5460, -1.7482, -46.0828



127.5840, 27.3201, -82.9502

Sweetspot

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



153.8490, 5.9904, 38.7204



238.9570, 1.9932, 14.0697



146.1350, 25.5694, 12.1596



117.6960, 1.1359, 9.0366



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.



153.8490, 5.9904, 38.7204



186.4910, 9.1249, 60.0824



149.9730, -8.8607, 42.1197



93.2610, 0.8573, 5.0331



58.7690, 14.4109, 91.4106



12.9300, 2.9925, 20.2324

Inverse Universe

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



153.8490, 5.9904, 38.7204



186.4910, 9.1249, 60.0824



177.0270, 8.8607, -42.1197



93.2610, 0.8573, 5.0331



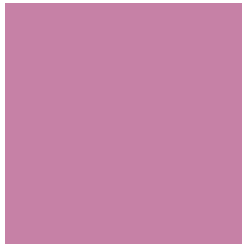
58.7690, 14.4109, 91.4106



12.9300, 2.9925, 20.2324

Previews

White Background



This preview shows how the YUV color 153.8490, 5.9904, 38.7204 looks on a white background.

Color Contrast Check

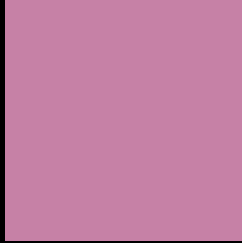
Large Text (above 18pt) WCAG AA × Fail

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 153.8490, 5.9904, 38.7204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

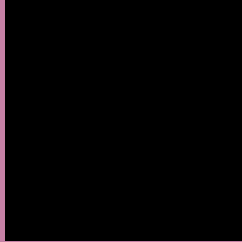
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.8490, 5.9904, 38.7204

Background



This preview shows how black text looks on a background with the YUV color 153.8490, 5.9904, 38.7204.



This preview shows how white text looks on a background with the YUV color 153.8490, 5.9904,

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

153.8490, 5.9904, 38.7204

Protanopia

150.9250, 13.8410, -6.0732

Deuteranopia

151.8250, 5.5093, 6.2925



Tritanopia

152.6780, -4.7713, 37.1164

Trichromacy



Original Color

153.8490, 5.9904, 38.7204

Protanomaly

152.2260, 10.7346, 10.3258

Deuteranomaly

152.6030, 5.6187, 17.8882

Tritanomaly

153.3020, -1.1349, 37.4461

Monochromacy



Original Color

153.8490, 5.9904, 38.7204

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.9570, 1.9932, 14.0697

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.8490, 5.9904, 38.7204 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(198, 129, 166)` looks like.

```
.text, #text, p{  
    color:rgb(198, 129, 166)  
}
```

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(198, 129, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 129, 166) }
```

Border

The CSS property to change the border of an element to YUV 153.8490, 5.9904, 38.7204 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(198, 129, 166) }
```


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

```
.border{ border-color:rgb(198, 129, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 129, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 129, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 129, 166);  
box-shadow:4px 4px 4px 4px rgb(198, 129,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 153.8490, 5.9904, 38.7204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 129, 166) }
```

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

```
.background{ background-color: rgb(198,  
129, 166) }
```

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