

Converting Colors

YUV(158.5610, 22.8944,
30.2030)

Have a look what the booklet for
YUV(158.5610, 22.8944, 30.2030)
contains.

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Color

**YUV(158.5610, 22.8944,
30.2030)**

Conversions

Conversions Part 1

Format	Color
Hex	C184CD
RGB	193, 132, 205
RGB Percent	76%, 52%, 80%
CMY	0.2431, 0.4824, 0.1961
CMYK	0.06, 0.36, 0.00, 0.20
HSL	290°, 42%, 66%
HSV	290°, 36%, 80%
XYZ	41.2630, 32.2478, 61.8072
YIQ	158.5610, 12.9230, 35.6350

Conversions

Conversions Part 2

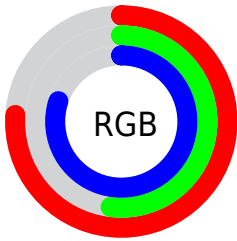
Format	Color
RYB	193, 132, 205
Decimal	12682445
CIELab	63.55, 35.72, -28.45
CIELCh	64, 45.666, 321.467
Yxy	32.2478, 0.3049, 0.2383
Android (android.graphics.Color)	4290872525 (0xFFC184CD)
YUV	158.5610, 22.8944, 30.2030
Hunter-Lab	56.7871, 30.3254, -24.7804

Details

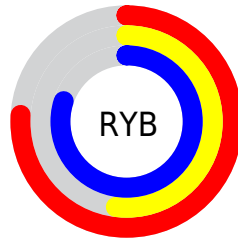
The YUV color **158.5610, 22.8944, 30.2030** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **178.4390, -22.8944, -30.2030**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.0020, 20.7050, 32.4472**, and **106.0230, 22.1737, 28.0438** is the 20% darker color. If you saturate the color by 10%, you get **145.9240, 29.1245, 38.6547**, and if you desaturate by 10%, it is **171.7850, 16.3750, 21.2366**.

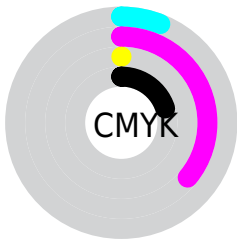
Distribution



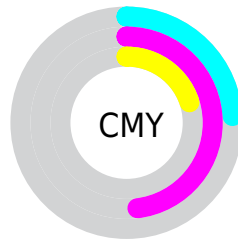
- Red (76%)
- Green (52%)
- Blue (80%)



- Red (76%)
- Yellow (52%)
- Blue (80%)



- Cyan (6%)
- Magenta (36%)
- Yellow (0%)
- Black (20%)





- Cyan (24%)
- Magenta (48%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.5610, 22.8944, 30.2030 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 158.5610, 22.8944, 30.2030 by changing the saturation by 10% instead.


 158.5610, 22.8944,
30.2030


 158.5610, 22.8944,
30.2030


255.0000, 0.0000,
0.0000


 131.7350, 22.3156,
29.1734


 213.0020, 20.7050,
32.4472


 106.0230, 22.1737,
28.0438


 230.9330, 11.8650,
21.1068

 81.0830, 21.1581,
27.1142

 247.9560, 3.4727,
6.1776

 56.3710, 21.0161,
25.9846

 30.6100, 21.8843,
27.5290

 17.5890, 16.9646,
18.7774

 3.4200, 13.1039,

-2.9993

■ 0.0000, 0.0000,
0.0000

■ 158.5610, 22.8944,
30.2030

■ 158.5610, 22.8944,
30.2030

■ 145.9240, 29.1245,
38.6547

■ 171.7850, 16.3750,
21.2366

■ 132.4010, 35.7913,
47.0063

■ 184.7210, 9.9975,
13.3997

■ 119.1770, 42.3107,
55.9728

■ 197.9450, 3.4781,
4.4332

■ 106.5400, 48.5408,
64.4244

■ 210.5820, -2.7519,
-4.0184

■ 93.6040, 54.9182,
72.2613

■ 224.1050, -9.4188,
-12.3701

80.3800, 61.4377,
81.2277

236.7420,
-15.6488, -20.8217

74.4990, 64.3370,
84.6314

237.9380,
-16.2384, -18.3626

238.8350,
-16.6807, -16.5183

239.7320,
-17.1229, -14.6740

Harmonies

Analogous

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



154.6570, 37.1441, -13.7312



158.5610, 22.8944, 30.2030



157.0410, 4.9098, 58.7230

Triad

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



158.5610, 22.8944, 30.2030



151.2960, -39.0929, 32.1894



122.8860, 29.1432, -107.7710

Complementary

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



158.5610, 22.8944, 30.2030



178.4390, -22.8944, -30.2030

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.



121.9850, 8.8814, -95.5798



158.5610, 22.8944, 30.2030



147.6080, -35.7957, 1.2208

Square

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



158.5610, 22.8944, 30.2030



153.4420, -30.2909, 55.7404



140.9160, -19.6786, -35.0063



125.1150, 45.2993, -109.7259

Rectangle

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



158.5610, 22.8944, 30.2030



155.4690, -7.6262, 66.2407



140.9160, -19.6786, -35.0063



121.9910, 23.1754, -106.9861

Sweetspot

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



158.5610, 22.8944, 30.2030



237.0690, 8.8400, 11.3405



147.3660, 28.4136, -13.4760



117.1240, 5.3619, 6.9073



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.



158.5610, 22.8944, 30.2030



185.0480, 34.4863, 45.5619



159.4130, 10.6424, 39.9798



95.5320, 3.1887, 3.9184



60.4850, 52.0189, 68.8577



13.9000, 11.8813, 15.8737

Inverse Universe

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



155.1950, -5.5191, 43.6790



179.9420, -8.3524, 65.8259



177.5870, -10.6424, -39.9798



95.1040, -1.0373, 6.0478



52.7120, -12.6760, 99.3536



12.0460, -2.9807, 22.7617

Previews

White Background



This preview shows how the YUV color 158.5610, 22.8944, 30.2030 looks on a white background.

Color Contrast Check

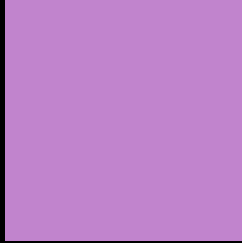
Large Text (above 18pt) WCAG AA × Fail

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 158.5610, 22.8944, 30.2030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

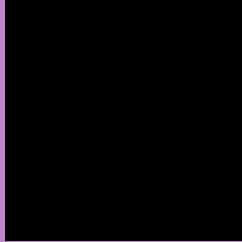
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.5610, 22.8944, 30.2030

Background



This preview shows how black text looks on a background with the YUV color 158.5610, 22.8944, 30.2030.



This preview shows how white text looks on a background with the YUV color 158.5610, 22.8944,

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

158.5610, 22.8944, 30.2030

Protanopia

153.7720, 32.6504, -19.0940

Deuteranopia

155.1940, 22.5824, -9.8171



Tritanopia

157.1110, -1.5337, 25.3357

Trichromacy



Original Color

158.5610, 22.8944, 30.2030



Protanomaly

155.6710, 29.2492, -1.4655



Deuteranomaly

156.5810, 22.3916, 4.7525



Tritanomaly

157.8260, 7.4808, 27.3396

Monochromacy



Original Color

158.5610, 22.8944, 30.2030



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

158.6560, 8.5506, 10.8257

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.5610, 22.8944, 30.2030 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, 132, 205)` looks like.

```
.text, #text, p{  
    color:rgb(193, 132, 205)  
}
```

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, 132, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 132, 205) }
```

Border

The CSS property to change the border of an element to YUV 158.5610, 22.8944, 30.2030 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, 132, 205) }
```


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

```
.border{ border-color:rgb(193, 132, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 132, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 132, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 132, 205);  
box-shadow:4px 4px 4px 4px rgb(193, 132,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 158.5610, 22.8944, 30.2030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 132, 205) }
```

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

```
.background{ background-color: rgb(193,  
132, 205) }
```

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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