

Converting Colors

YUV(158.1480, 22.6050,
29.6882)

Have a look what the booklet for
YUV(158.1480, 22.6050, 29.6882)
contains.

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Color

**YUV(158.1480, 22.6050,
29.6882)**

Conversions

Conversions Part 1

Format	Color
Hex	C084CC
RGB	192, 132, 204
RGB Percent	75%, 52%, 80%
CMY	0.2471, 0.4824, 0.2000
CMYK	0.06, 0.35, 0.00, 0.20
HSL	290°, 41%, 66%
HSV	290°, 35%, 80%
XYZ	40.8886, 32.0686, 61.1615
YIQ	158.1480, 12.6480, 35.1120

Conversions

Conversions Part 2

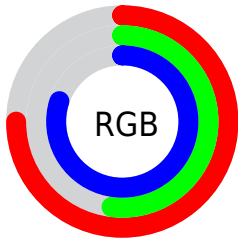
Format	Color
R _Y B	192, 132, 204
Decimal	12616908
CIE Lab	63.40, 35.21, -28.12
CIE LCh	63, 45.063, 321.383
Yxy	32.0686, 0.3049, 0.2391
Android (android.graphics.Color)	4290806988 (0xFFC084CC)
YUV	158.1480, 22.6050, 29.6882
Hunter-Lab	56.6292, 29.7832, -24.3949

Details

The YUV color **158.1480, 22.6050, 29.6882** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **177.8520, -22.6050, -29.6882**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.7030, 20.8524, 31.8325**, and **105.6100, 21.8843, 27.5290** is the 20% darker color. If you saturate the color by 10%, you get **145.5110, 28.8351, 38.1399**, and if you desaturate by 10%, it is **170.7850, 16.3750, 21.2366**.

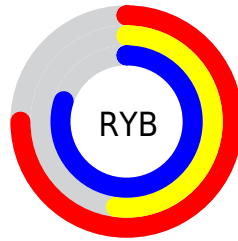
Distribution



Red (75%)

Green (52%)

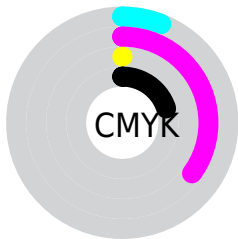
Blue (80%)



Red (75%)

Yellow (52%)

Blue (80%)

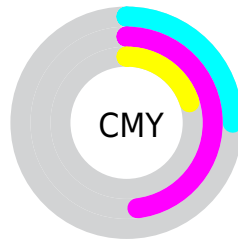


Cyan (6%)

Magenta (35%)

Yellow (0%)

Black (20%)



Cyan (25%)


Magenta (48%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 158.1480, 22.6050, 29.6882 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 158.1480, 22.6050, 29.6882 by changing the saturation by 10% instead.


 158.1480, 22.6050,
29.6882


 158.1480, 22.6050,
29.6882


255.0000, 0.0000,
0.0000


 131.3220, 22.0263,
28.6586

 212.7030, 20.8524,
31.8325


 105.6100, 21.8843,
27.5290


 230.9330, 11.8650,
21.1068

 80.7840, 21.3055,
26.4994

 247.9560, 3.4727,
6.1776

 56.2570, 20.5793,
26.0846

 30.7840, 21.3055,
26.4994

 17.1760, 16.6752,
18.2626

 3.3060, 12.6671,

-2.8994

■ 0.0000, 0.0000,
0.0000

■ 158.1480, 22.6050,
29.6882

■ 158.1480, 22.6050,
29.6882

■ 145.5110, 28.8351,
38.1399

■ 170.7850, 16.3750,
21.2366

■ 131.9880, 35.5019,
46.4915

■ 184.3080, 9.7082,
12.8849

■ 119.3510, 41.7320,
54.9432

■ 196.9450, 3.4781,
4.4332

■ 105.8280, 48.3988,
63.2948

■ 210.4680, -3.1887,
-3.9184

■ 93.1910, 54.6288,
71.7465

■ 223.1050, -9.4188,
-12.3701

■ 80.5540, 60.8589,
80.1981

■ 235.7420,
-15.6488, -20.8217

■ 74.0860, 64.0476,
84.1166

■ 237.5250,
-16.5278, -18.8774

■ 238.4220,
-16.9700, -17.0331

■ 239.6180,
-17.5597, -14.5740

Harmonies

Analogous

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



153.5430, 36.7073, -13.6312



158.1480, 22.6050, 29.6882



156.4430, 5.2046, 57.4935

Triad

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



158.1480, 22.6050, 29.6882



150.8230, -38.3667, 32.6042



122.7720, 28.7064, -107.6710

Complementary

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



158.1480, 22.6050, 29.6882



177.8520, -22.6050, -29.6882

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.



123.7900, 7.9915, -90.1468



158.1480, 22.6050, 29.6882



147.1350, -35.0696, 1.6356

Square

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



158.1480, 22.6050, 29.6882



153.1430, -30.1435, 55.1256



141.3290, -19.3892, -34.4915



124.3000, 44.7151, -109.0111

Rectangle

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



158.1480, 22.6050, 29.6882



154.8710, -7.3314, 65.0111



141.3290, -19.3892, -34.4915



121.2900, 23.0280, -106.3713

Sweetspot

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



158.1480, 22.6050, 29.6882



237.0690, 8.8400, 11.3405



147.2520, 27.9768, -13.3760



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.



158.1480, 22.6050, 29.6882



186.8090, 33.6182, 44.0175



159.0000, 10.3530, 39.4650



95.5320, 3.1887, 3.9184



60.1860, 52.1663, 68.2429



13.9000, 11.8813, 15.8737

Inverse Universe

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



154.8960, -5.3717, 43.0642



182.0450, -7.9102, 63.9815



177.0000, -10.3530, -39.4650



95.2180, -0.6005, 5.9478



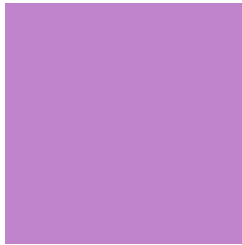
52.8260, -12.2392, 99.2536



12.0460, -2.9807, 22.7617

Previews

White Background



This preview shows how the YUV color 158.1480, 22.6050, 29.6882 looks on a white background.

Color Contrast Check

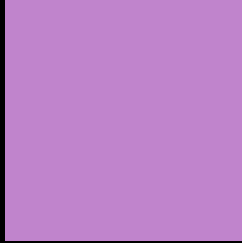
Large Text (above 18pt) WCAG AA × Fail

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 158.1480, 22.6050, 29.6882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

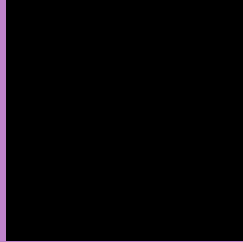
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.1480, 22.6050, 29.6882

Background



This preview shows how black text looks on a background with the YUV color 158.1480, 22.6050, 29.6882.



This preview shows how white text looks on a background with the YUV color 158.1480, 22.6050,

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

158.1480, 22.6050, 29.6882

Protanopia

153.9570, 32.0662, -18.3793

Deuteranopia

154.4930, 22.4350, -9.2024



Tritanopia

156.1110, -1.5337, 25.3357

Trichromacy



Original Color

158.1480, 22.6050, 29.6882



Protanomaly

155.5570, 28.8124, -1.3655



Deuteranomaly

155.5810, 22.3916, 4.7525



Tritanomaly

156.8260, 7.4808, 27.3396

Monochromacy



Original Color

158.1480, 22.6050, 29.6882



Achromatopsia

158.0000, 0.0000, 0.0000



Achromatomaly

158.2430, 8.2612, 10.3109

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.1480, 22.6050, 29.6882 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(192, 132, 204)` looks like.

```
.text, #text, p{  
    color:rgb(192, 132, 204)  
}
```

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(192, 132, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 132, 204) }
```

Border

The CSS property to change the border of an element to YUV 158.1480, 22.6050, 29.6882 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(192, 132, 204) }
```


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

```
.border{ border-color:rgb(192, 132, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 132, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 132, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 132, 204);  
box-shadow:4px 4px 4px 4px rgb(192, 132,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 158.1480, 22.6050, 29.6882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 132, 204) }
```

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

```
.background{ background-color: rgb(192,  
132, 204) }
```

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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