

Converting Colors

YUV(158.8340, 22.2668,
44.8726)

Have a look what the booklet for
YUV(158.8340, 22.2668, 44.8726)
contains.

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Color

**YUV(158.8340, 22.2668,
44.8726)**

Conversions

Conversions Part 1

Format	Color
Hex	D27CCC
RGB	210, 124, 204
RGB Percent	82%, 49%, 80%
CMY	0.1765, 0.5137, 0.2000
CMYK	0.00, 0.41, 0.03, 0.18
HSL	304°, 49%, 65%
HSV	304°, 41%, 82%
XYZ	44.6851, 32.4766, 61.0402
YIQ	158.8340, 25.5760, 43.1120

Conversions

Conversions Part 2

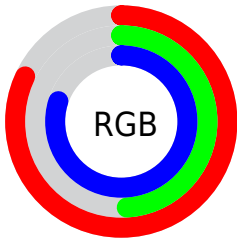
Format	Color
R_{YB}	210, 124, 204
Decimal	13794508
CIE _{Lab}	63.73, 45.10, -27.44
CIE _{LCh}	64, 52.792, 328.687
Yxy	32.4766, 0.3233, 0.2350
Android (android.graphics.Color)	4291984588 (0xFFD27CCC)
YUV	158.8340, 22.2668, 44.8726
Hunter-Lab	56.9882, 40.2344, -23.6139

Details

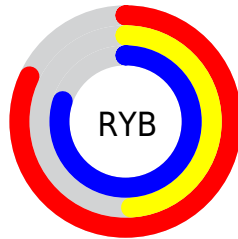
The YUV color **158.8340, 22.2668, 44.8726** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **175.1660, -22.2668, -44.8726**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.8010, 22.2831, 39.6395**, and **105.4100, 21.9829, 42.6134** is the 20% darker color. If you saturate the color by 10%, you get **146.3930, 27.9073, 55.7833**, and if you desaturate by 10%, it is **171.2750, 16.6264, 33.9618**.

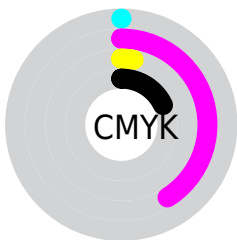
Distribution



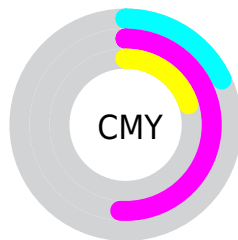
- Red (82%)
- Green (49%)
- Blue (80%)



- Red (82%)
- Yellow (49%)
- Blue (80%)



- Cyan (0%)
- Magenta (41%)
- Yellow (3%)
- Black (18%)




- Cyan (18%)
- Magenta (51%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.8340, 22.2668, 44.8726 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 158.8340, 22.2668, 44.8726 by changing the saturation by 10% instead.


 158.8340, 22.2668,
44.8726


 158.8340, 22.2668,
44.8726


255.0000, 0.0000,
0.0000

 132.0080, 21.6881,
43.8430


 209.8010, 22.2831,
39.6395


 105.4100, 21.9829,
42.6134


 226.8240, 13.8908,
24.7104

 79.1110, 22.1303,
41.9987

 243.2600, 5.7878,
10.2960

 51.0510, 23.1459,
42.9283

 30.5620, 21.4149,
38.0951

 20.7640, 14.9063,
25.6400

 10.2970, 9.7136,

11.1405

■ 0.0000, 0.0000,
0.0000

■ 158.8340, 22.2668,
44.8726

■ 158.8340, 22.2668,
44.8726

■ 146.3930, 27.9073,
55.7833

■ 171.2750, 16.6264,
33.9618

■ 133.8380, 33.1109,
66.7941

■ 183.8300, 11.4228,
22.9511

■ 121.3970, 38.7513,
77.7048

■ 196.2710, 5.7824,
12.0403

■ 108.8420, 43.9549,
88.7156

■ 208.8260, 0.5788,
1.0296

■ 96.4010, 49.5953,
99.6263

■ 221.2670, -5.0616,
-9.8812

■ 85.0200, 54.2201,
109.6075

■ 233.8220,
-10.2652, -20.8919

■ 236.8710,
-11.2754, -23.5659

■ 237.0990,
-10.4018, -23.7658

■ 237.2130, -9.9650,
-23.8658

Harmonies

Analogous

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



156.7060, 39.5849, -3.2502



158.8340, 22.2668, 44.8726



155.5050, 1.2300, 72.3481

Triad

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



158.8340, 22.2668, 44.8726



149.3250, -46.5022, 28.6560



126.4710, 35.2638, -110.9151

Complementary

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



158.8340, 22.2668, 44.8726



175.1660, -22.2668, -44.8726

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.



121.1130, 14.7343, -106.2161



158.8340, 22.2668, 44.8726



145.1570, -38.5314, -8.0307

Square

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



158.8340, 22.2668, 44.8726



152.5750, -38.7375, 58.2547



135.7070, -16.1246, -54.9940



127.6400, 52.4355, -111.9403

Rectangle

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



158.8340, 22.2668, 44.8726



153.7540, -13.1897, 77.3917



135.7070, -16.1246, -54.9940



125.3480, 28.4224, -109.9302

Sweetspot

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



158.8340, 22.2668, 44.8726



236.5750, 8.0975, 16.1587



135.5980, 36.6802, -4.9094



117.2060, 4.3354, 9.4663



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.



158.8340, 22.2668, 44.8726



180.5990, 32.2427, 65.2497



153.9320, 3.4845, 49.1716



98.4290, 2.7465, 5.7628



68.1300, 43.8129, 87.5860



16.5910, 10.5546, 21.4067

Inverse Universe

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



158.8340, 22.2668, 44.8726



180.5990, 32.2427, 65.2497



180.0680, -3.4845, -49.1716



98.4290, 2.7465, 5.7628



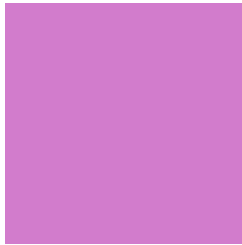
68.1300, 43.8129, 87.5860



16.5910, 10.5546, 21.4067

Previews

White Background



This preview shows how the YUV color 158.8340, 22.2668, 44.8726 looks on a white background.

Color Contrast Check

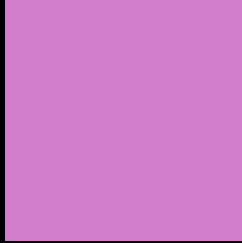
Large Text (above 18pt) WCAG AA × Fail

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 158.8340, 22.2668, 44.8726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

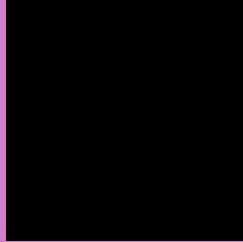
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.8340, 22.2668, 44.8726

Background



This preview shows how black text looks on a background with the YUV color 158.8340, 22.2668, 44.8726.



This preview shows how white text looks on a background with the YUV color 158.8340, 22.2668,

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

158.8340, 22.2668, 44.8726

Protanopia

154.1570, 35.4186, -20.3087

Deuteranopia

155.5640, 21.4139, -8.3876



Tritanopia

157.2870, -5.0715, 40.0903

Trichromacy



Original Color

158.8340, 22.2668, 44.8726



Protanomaly

156.0460, 30.5433, 3.4677



Deuteranomaly

156.7990, 21.7911, 10.7003



Tritanomaly

158.2300, 4.8166, 41.8943

Monochromacy



Original Color

158.8340, 22.2668, 44.8726



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

158.8740, 7.9501, 16.7735

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.8340, 22.2668, 44.8726 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(210, 124, 204)` looks like.

```
.text, #text, p{  
    color:rgb(210, 124, 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(210, 124, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 124, 204) }
```

Border

The CSS property to change the border of an element to YUV 158.8340, 22.2668, 44.8726 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(210, 124, 204) }
```


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

```
.border{ border-color:rgb(210, 124, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 124, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 124, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 124, 204);  
box-shadow:4px 4px 4px 4px rgb(210, 124,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 158.8340, 22.2668, 44.8726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 124, 204) }
```

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

```
.background{ background-color: rgb(210,  
124, 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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