

Converting Colors

YUV(158.9620, 28.1197,
34.2363)

Have a look what the booklet for
YUV(158.9620, 28.1197, 34.2363)
contains.

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Color

**YUV(158.9620, 28.1197,
34.2363)**

Conversions

Conversions Part 1

Format	Color
Hex	C680D8
RGB	198, 128, 216
RGB Percent	78%, 50%, 85%
CMY	0.2235, 0.4980, 0.1529
CMYK	0.08, 0.41, 0.00, 0.15
HSL	288°, 53%, 67%
HSV	288°, 41%, 85%
XYZ	43.4025, 32.4020, 68.9324
YIQ	158.9620, 13.4720, 42.2080

Conversions

Conversions Part 2

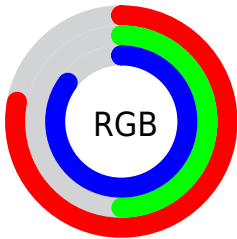
Format	Color
RYB	198, 128, 216
Decimal	13009112
CIELab	63.67, 41.61, -34.36
CIELCh	64, 53.965, 320.448
Yxy	32.4020, 0.2999, 0.2239
Android (android.graphics.Color)	4291199192 (0xFFC680D8)
YUV	158.9620, 28.1197, 34.2363
Hunter-Lab	56.9227, 36.4882, -31.9532

Details

The YUV color **158.9620, 28.1197, 34.2363** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **185.0380, -28.1197, -34.2363**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.1490, 21.1255, 37.5803**, and **106.3100, 26.9622, 32.1771** is the 20% darker color. If you saturate the color by 10%, you get **144.8520, 35.0760, 43.1028**, and if you desaturate by 10%, it is **173.0720, 21.1635, 25.3699**.

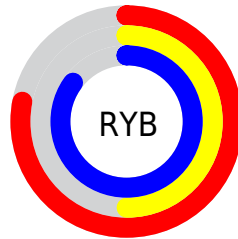
Distribution



Red (78%)

Green (50%)

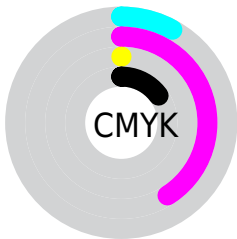
Blue (85%)



Red (78%)

Yellow (50%)

Blue (85%)

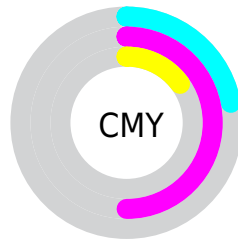


Cyan (8%)

Magenta (41%)

Yellow (0%)

Black (15%)



Cyan (22%)


Magenta (50%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YUV color 158.9620, 28.1197, 34.2363 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 158.9620, 28.1197, 34.2363 by changing the saturation by 10% instead.


 158.9620, 28.1197,
34.2363


 158.9620, 28.1197,
34.2363


255.0000, 0.0000,
0.0000


 132.1360, 27.5410,
33.2067


 212.1490, 21.1255,
37.5803


 106.3100, 26.9622,
32.1771


 228.5850, 13.0226,
23.1660

 80.4840, 26.3834,
31.1475

 245.6080, 4.6303,
8.2368

 54.5980, 26.8202,
31.0476

 28.7120, 27.2570,
30.9476

 19.0990, 20.1642,
19.2072

 6.7240, 15.4191,

1.1191

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 158.9620, 28.1197,
34.2363

■ 158.9620, 28.1197,
34.2363

■ 144.8520, 35.0760,
43.1028

■ 173.0720, 21.1635,
25.3699

■ 131.0300, 41.8902,
50.8397

■ 186.8940, 14.3493,
17.6330

■ 116.9200, 48.8464,
59.7062

■ 201.0040, 7.3930,
8.7665

■ 103.0980, 55.6607,
67.4431

■ 214.8260, 0.5788,
1.0296

■ 88.9880, 62.6169,
76.3095

■ 228.9360, -6.3774,
-7.8369

■ 76.0520, 68.9944,
84.1464

■ 241.5840,
-12.6129, -14.5442

■ 242.7800,
-13.2025, -12.0851

■ 243.9760,
-13.7922, -9.6260

■ 245.4710,
-14.5292, -6.5521

Harmonies

Analogous

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



153.6760, 45.0227, -20.7639



158.9620, 28.1197, 34.2363



156.2040, 7.7874, 69.1041

Triad

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



158.9620, 28.1197, 34.2363



149.9780, -46.8242, 38.6073



125.6900, 29.7328, -110.2301

Complementary

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



158.9620, 28.1197, 34.2363



185.0380, -28.1197, -34.2363

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.



119.5170, 8.6191, -104.8164



158.9620, 28.1197, 34.2363



146.2570, -43.5107, 2.4056

Square

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



158.9620, 28.1197, 34.2363



152.2430, -35.1228, 65.5619



138.4330, -23.8775, -41.5987



128.0160, 48.7991, -112.2700

Rectangle

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



158.9620, 28.1197, 34.2363



153.6600, -7.2274, 78.3512



138.4330, -23.8775, -41.5987



123.8660, 22.7441, -108.6305

Sweetspot

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



158.9620, 28.1197, 34.2363



235.0090, 9.8556, 12.2701



149.1850, 32.9398, -18.5792



116.2380, 5.7987, 6.8073



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.



158.9620, 28.1197, 34.2363



173.8510, 40.0065, 48.3657



161.4940, 14.5465, 47.8018



99.9450, 3.4781, 4.4332



60.1580, 54.6451, 66.5134



15.0680, 13.7705, 16.6034

Inverse Universe

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



156.3640, -5.1095, 52.3008



170.3390, -7.0691, 74.2477



182.5060, -14.5465, -47.8018



99.6310, -0.3111, 6.4626



55.1190, -9.9187, 101.6276



13.8830, -2.4073, 25.5356

Previews

White Background



This preview shows how the YUV color 158.9620, 28.1197, 34.2363 looks on a white background.

Color Contrast Check

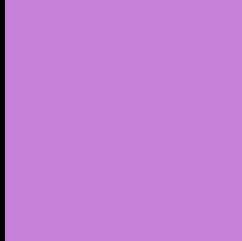
Large Text (above 18pt) WCAG AA × Fail

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 158.9620, 28.1197, 34.2363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

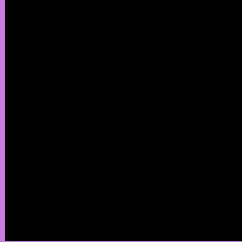
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.9620, 28.1197, 34.2363

Background



This preview shows how black text looks on a background with the YUV color 158.9620, 28.1197, 34.2363.



This preview shows how white text looks on a background with the YUV color 158.9620, 28.1197,

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

158.9620, 28.1197, 34.2363

Protanopia

153.3890, 40.2342, -24.8972

Deuteranopia

154.2410, 27.9822, -15.1204



Tritanopia

157.3070, -2.1234, 27.7948

Trichromacy



Original Color

158.9620, 28.1197, 34.2363



Protanomaly

155.3810, 35.8012, -2.9651



Deuteranomaly

155.7640, 28.2173, 2.8380



Tritanomaly

157.8910, 8.9277, 29.9136

Monochromacy



Original Color

158.9620, 28.1197, 34.2363



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

159.1230, 10.2924, 12.1701

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.9620, 28.1197, 34.2363 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, 128, 216)` looks like.

```
.text, #text, p{  
    color:rgb(198, 128, 216)  
}
```

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, 128, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 128, 216) }
```

Border

The CSS property to change the border of an element to YUV 158.9620, 28.1197, 34.2363 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, 128, 216) }
```


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

```
.border{ border-color:rgb(198, 128, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 128, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 128, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 128, 216);  
box-shadow:4px 4px 4px 4px rgb(198, 128,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 158.9620, 28.1197, 34.2363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 128, 216) }
```

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

```
.background{ background-color: rgb(198,  
128, 216) }
```

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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