

Converting Colors

YUV(127.9580, 31.0797,
64.9348)

Have a look what the booklet for
YUV(127.9580, 31.0797, 64.9348)
contains.

YUV(127.9580, 31.0797, 64.9348)	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(127.9580, 31.0797,
64.9348)**

Conversions

Conversions Part 1

Format	Color
Hex	CA4EBF
RGB	202, 78, 191
RGB Percent	79%, 31%, 75%
CMY	0.2078, 0.6941, 0.2510
CMYK	0.00, 0.61, 0.05, 0.21
HSL	305°, 54%, 55%
HSV	305°, 61%, 79%
XYZ	36.4855, 21.7669, 51.5687
YIQ	127.9580, 37.6310, 61.4310

Conversions

Conversions Part 2

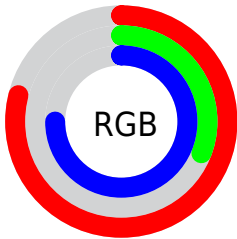
Format	Color
R _Y B	202, 78, 191
Decimal	13258431
CIE Lab	53.78, 62.61, -35.59
CIE LCh	54, 72.019, 330.386
Yxy	21.7669, 0.3322, 0.1982
Android (android.graphics.Color)	4291448511 (0xFFCA4EBF)
YUV	127.9580, 31.0797, 64.9348
Hunter-Lab	46.6550, 57.9454, -32.8758

Details

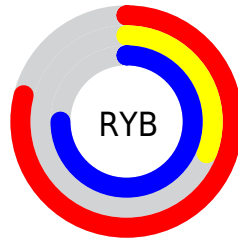
The YUV color **127.9580, 31.0797, 64.9348** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **152.0420, -31.0797, -64.9348**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.1750, 31.9587, 62.9905**, and **61.9080, 37.0204, 72.8717** is the 20% darker color. If you saturate the color by 10%, you get **115.9900, 35.9939, 75.4308**, and if you desaturate by 10%, it is **139.9260, 26.1655, 54.4389**.

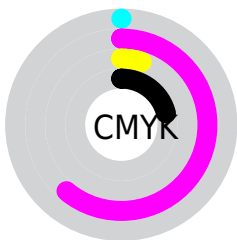
Distribution



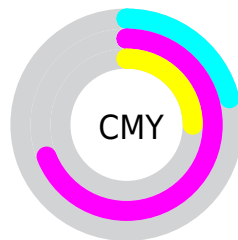
- Red (79%)
- Green (31%)
- Blue (75%)



- Red (79%)
- Yellow (31%)
- Blue (75%)



- Cyan (0%)
- Magenta (61%)
- Yellow (5%)
- Black (21%)





- Cyan (21%)
- Magenta (69%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YUV color 127.9580, 31.0797, 64.9348 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 127.9580, 31.0797, 64.9348 by changing the saturation by 10% instead.


 127.9580, 31.0797,
64.9348


 127.9580, 31.0797,
64.9348


255.0000, 0.0000,
0.0000


 98.5990, 32.2427,
65.2497


 183.1750, 31.9587,
62.9905


 61.9080, 37.0204,
72.8717


 200.4090, 26.9134,
47.8763

 47.6370, 31.2380,
60.8314


 217.4320, 18.5210,
32.9471

 36.4150, 24.4454,
46.1170

 234.4550, 10.1287,
18.0180

 26.0190, 18.2316,
32.4323

 252.0650, 1.4470,
2.5740

 15.6230, 12.0179,
18.7476

 2.5250, 7.1362,

-2.2144

0.0000, 0.0000,
0.0000

127.9580, 31.0797,
64.9348

127.9580, 31.0797,
64.9348

115.9900, 35.9939,
75.4308

139.9260, 26.1655,
54.4389

104.0220, 40.9082,
85.9267

151.8940, 21.2513,
43.9430

91.5810, 46.5486,
96.8375

164.3350, 15.6108,
33.0322

81.3740, 50.5946,
105.7890

176.3030, 10.6966,
22.5363

188.2710, 5.7824,
12.0403

■ 200.2390, 0.8682,
1.5444

■ 212.2070, -4.0461,
-8.9515

■ 224.6480, -9.6865,
-19.8623

■ 233.6810,
-13.1537, -27.7842

Harmonies

Analogous

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



128.9520, 53.2677, -5.2199



127.9580, 31.0797, 64.9348



116.4840, 6.6634, 103.0615

Triad

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



127.9580, 31.0797, 64.9348



120.0080, -59.1639, 29.8110



112.6450, 38.1360, -98.7897

Complementary

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



127.9580, 31.0797, 64.9348



152.0420, -31.0797, -64.9348

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.



105.5770, 11.0545, -92.5910



127.9580, 31.0797, 64.9348



111.4490, -54.9444, -17.0568

Square

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



127.9580, 31.0797, 64.9348



119.6850, -59.0047, 72.1903



96.2920, -16.9060, -84.4481



115.0680, 60.1125, -100.9146

Rectangle

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



127.9580, 31.0797, 64.9348



115.9300, -13.2765, 105.3014



96.2920, -16.9060, -84.4481



110.9520, 29.1107, -97.3049

Sweetspot

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



127.9580, 31.0797, 64.9348



227.5420, 11.5648, 24.0807



95.1260, 52.6889, -6.2495



110.6350, 7.0819, 15.2291



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.



127.9580, 31.0797, 64.9348



142.1190, 47.2693, 98.9966



121.0040, 4.4350, 71.0335



96.0160, 2.4571, 5.2480



66.8480, 41.4869, 86.9563



15.3520, 9.6865, 19.8623

Inverse Universe

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



127.9580, 31.0797, 64.9348



142.1190, 47.2693, 98.9966



158.9960, -4.4350, -71.0335



96.0160, 2.4571, 5.2480



66.8480, 41.4869, 86.9563



15.3520, 9.6865, 19.8623

Previews

White Background



This preview shows how the YUV color 127.9580, 31.0797, 64.9348 looks on a white background.

Color Contrast Check

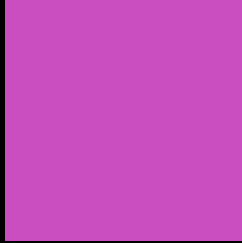
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.9580, 31.0797, 64.9348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

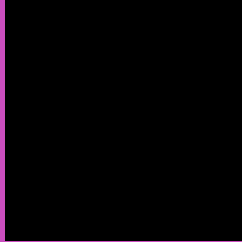
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.9580, 31.0797, 64.9348

Background



This preview shows how black text looks on a background with the YUV color 127.9580, 31.0797, 64.9348.



This preview shows how white text looks on a background with the YUV color 127.9580, 31.0797, 64.9348.

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

127.9580, 31.0797, 64.9348

Protanopia

123.5470, 53.9603, -40.8217

Deuteranopia

128.5890, 26.8246, -17.1796



Tritanopia

129.3060, -10.5039, 55.8596

Trichromacy



Original Color

127.9580, 31.0797, 64.9348



Protanomaly

125.3130, 45.6947, -2.9055



Deuteranomaly

128.5310, 28.3322, 12.6893



Tritanomaly

128.9270, 4.4730, 58.8230

Monochromacy



Original Color

127.9580, 31.0797, 64.9348



Achromatopsia

128.0000, 0.0000, 0.0000



Achromatomaly

128.1290, 11.2754, 23.5659

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.9580, 31.0797, 64.9348 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(202, 78, 191)` looks like.

```
.text, #text, p{  
    color:rgb(202, 78, 191)  
}
```

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(202, 78, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 78, 191) }
```

Border

The CSS property to change the border of an element to YUV 127.9580, 31.0797, 64.9348 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(202, 78, 191) }
```


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

```
.border{ border-color:rgb(202, 78, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 78, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 78, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 78, 191);  
box-shadow:4px 4px 4px 4px rgb(202, 78,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 127.9580, 31.0797, 64.9348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 78, 191) }
```

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

```
.background{ background-color: rgb(202, 78,  
191) }
```

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