

Converting Colors

YUV(158.6280, -2.2816,
31.8982)

Have a look what the booklet for
YUV(158.6280, -2.2816, 31.8982)
contains.

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Color

**YUV(158.6280, -2.2816,
31.8982)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C38D9A |
| RGB | 195, 141, 154 |
| RGB Percent | 76%, 55%, 60% |
| CMY | 0.2353, 0.4471, 0.3961 |
| CMYK | 0.00, 0.28, 0.21, 0.24 |
| HSL | 346°, 31%, 66% |
| HSV | 346°, 28%, 76% |
| XYZ | 37.8633, 32.9849, 34.9430 |
| YIQ | 158.6280, 28.0110, 15.4910 |

Conversions

Conversions Part 2

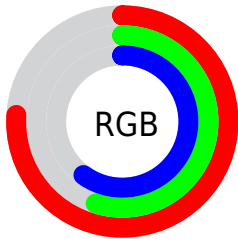
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 195, 141, 154 |
| Decimal | 12815770 |
| CIE _{Lab} | 64.15, 22.43, 1.26 |
| CIE _{LCh} | 64, 22.467, 3.210 |
| Yxy | 32.9849, 0.3579, 0.3118 |
| Android (android.graphics.Color) | 4291005850 (0xFFC38D9A) |
| YUV | 158.6280, -2.2816, 31.8982 |
| Hunter-Lab | 57.4325, 17.1720, 4.1297 |

Details

The YUV color $158.6280, -2.2816, 31.8982$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $177.3720, 2.2816, -31.8982$, and the grayscale version is $159.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $213.5250, -2.7238, 33.7426$, and $106.4320, -1.6920, 29.4391$ is the 20% darker color. If you saturate the color by 10%, you get $145.7650, -3.3351, 43.1791$, and if you desaturate by 10%, it is $172.0780, -1.5175, 20.1026$.

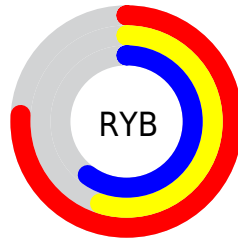
Distribution



Red (76%)

Green (55%)

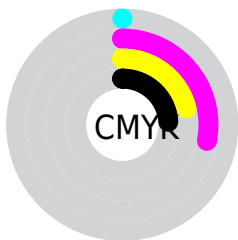
Blue (60%)



Red (76%)

Yellow (55%)

Blue (60%)

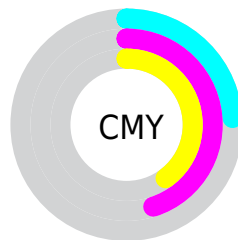


Cyan (0%)

Magenta (28%)

Yellow (21%)

Black (24%)



Cyan (24%)


Magenta (45%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.6280, -2.2816, 31.8982 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 158.6280, -2.2816, 31.8982 by changing the saturation by 10% instead.

 158.6280, -2.2816,
31.8982


 158.6280, -2.2816,
31.8982


255.0000, 0.0000,
0.0000

 132.0300, -1.9868,
30.6687


 213.5250, -2.7238,
33.7426

 106.4320, -1.6920,
29.4391


 234.1640, 1.3981,
18.2732

 81.8340, -1.3972,
28.2096

 253.2390, 0.8682,
1.5444

 58.2360, -1.1023,
26.9800

 35.4530, -0.2233,
25.0357

 14.0400, -0.5127,
24.5209

 0.0000, 0.0000,

0.0000

■ 158.6280, -2.2816,
31.8982

■ 158.6280, -2.2816,
31.8982

■ 145.7650, -3.3351,
43.1791

■ 172.0780, -1.5175,
20.1026

■ 132.3150, -4.0993,
54.9747

■ 184.9410, -0.4639,
8.8217

■ 119.5660, -4.7160,
66.1556

■ 198.2770, -0.1366,
-2.8739

■ 106.1160, -5.4802,
77.9513

■ 211.1400, 0.9170,
-14.1548

■ 93.2530, -6.5337,
89.2321

■ 224.5900, 1.6811,
-25.9504

■ 79.8030, -7.2979,
101.0278

■ 235.6920, 3.6028,
-35.6869

■ 66.9400, -8.3514,
112.3086

■ 237.0600, 8.8444,
-36.8866

■ 63.6630, -8.2149,
115.1825

Harmonies

Analogous

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



159.0810, 7.3551, 20.9770



158.6280, -2.2816, 31.8982



157.5220, -11.5963, 32.8682

Triad

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



158.6280, -2.2816, 31.8982



152.0690, -14.8240, -5.3225



149.4590, 20.4797, -35.4825

Complementary

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



158.6280, -2.2816, 31.8982



177.3720, 2.2816, -31.8982

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.



146.6230, 14.9759, -43.5194



158.6280, -2.2816, 31.8982



149.2500, -6.0393, -23.0212

Square

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



158.6280, -2.2816, 31.8982



154.4410, -18.9514, 11.8912



147.0230, 4.9187, -37.7312



154.4550, 19.9887, -17.9390

Rectangle

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



158.6280, -2.2816, 31.8982



156.6480, -16.0955, 29.2497



147.0230, 4.9187, -37.7312



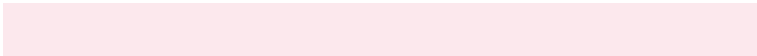
148.3830, 19.0382, -39.8009

Sweetspot

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



158.6280, -2.2816, 31.8982



238.5500, -0.7641, 11.7957



159.4150, 17.5434, 19.8070



119.2290, -0.6059, 7.6922



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.



158.6280, -2.2816, 31.8982



196.0970, -3.4988, 49.0269



165.3640, -12.0115, 25.9908



90.3320, -0.1637, 5.8478



52.5850, -6.6974, 95.0800



10.7790, -1.3700, 19.4878

Inverse Universe

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



158.6280, -2.2816, 31.8982



196.0970, -3.4988, 49.0269



171.2230, 11.7221, -26.5056



90.3320, -0.1637, 5.8478



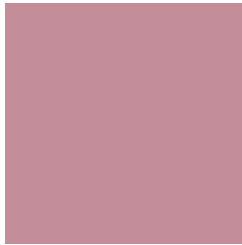
52.5850, -6.6974, 95.0800



10.7790, -1.3700, 19.4878

Previews

White Background



This preview shows how the YUV color 158.6280, -2.2816, 31.8982 looks on a white background.

Color Contrast Check

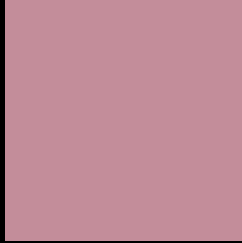
Large Text (above 18pt) WCAG AA × Fail

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 158.6280, -2.2816, 31.8982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

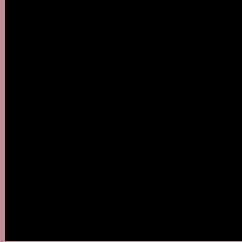
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.6280, -2.2816, 31.8982

Background



This preview shows how black text looks on a background with the YUV color 158.6280, -2.2816, 31.8982.



This preview shows how white text looks on a background with the YUV color 158.6280, -2.2816,

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

158.6280, -2.2816, 31.8982

Protanopia

156.3960, 2.7628, 0.5297

Deuteranopia

157.3930, -2.6587, 12.8103



Tritanopia

158.4000, -3.1552, 32.0982

Trichromacy



Original Color

158.6280, -2.2816, 31.8982

Protanomaly

157.3050, 0.8356, 12.0105

Deuteranomaly

157.5510, -2.2436, 19.6878

Tritanomaly

158.5140, -2.7184, 31.9982

Monochromacy



Original Color

158.6280, -2.2816, 31.8982

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.5500, -0.7641, 11.7957

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.6280, -2.2816, 31.8982 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(195, 141, 154)` looks like.

```
.text, #text, p{  
    color:rgb(195, 141, 154)  
}
```

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(195, 141, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 141, 154) }
```

Border

The CSS property to change the border of an element to YUV 158.6280, -2.2816, 31.8982 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(195, 141, 154) }
```


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

```
.border{ border-color:rgb(195, 141, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 141, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 141, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 141, 154);  
box-shadow:4px 4px 4px 4px rgb(195, 141,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 158.6280, -2.2816, 31.8982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 141, 154) }
```

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

```
.background{ background-color: rgb(195,  
141, 154) }
```

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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