

Converting Colors

YUV(198.9290, 4.4720, 12.3403)

Have a look what the booklet for
YUV(198.9290, 4.4720, 12.3403)
contains.

YUV(198.9290, 4.4720, 12.3403)	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(198.9290, 4.4720,
12.3403)**

Conversions

Conversions Part 1

Format	Color
Hex	D5BED0
RGB	213, 190, 208
RGB Percent	84%, 75%, 82%
CMY	0.1647, 0.2549, 0.1843
CMYK	0.00, 0.11, 0.02, 0.16
HSL	313°, 21%, 79%
HSV	313°, 11%, 84%
XYZ	57.2392, 55.5271, 67.3755
YIQ	198.9290, 7.9300, 10.4740

Conversions

Conversions Part 2

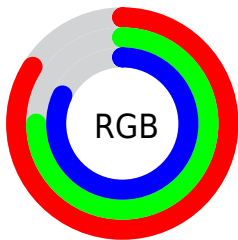
Format	Color
R _Y B	213, 190, 208
Decimal	14008016
CIE Lab	79.34, 11.27, -6.04
CIE LCh	79, 12.788, 331.801
Yxy	55.5271, 0.3177, 0.3082
Android (android.graphics.Color)	4292198096 (0xFFD5BED0)
YUV	198.9290, 4.4720, 12.3403
Hunter-Lab	74.5165, 6.7093, -1.4466

Details

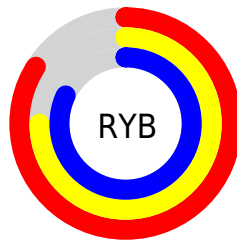
The YUV color $198.9290, 4.4720, 12.3403$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $204.0710, -4.4720, -12.3403$, and the grayscale version is $199.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.7170, 2.6045, 4.6332$, and $145.2170, 4.3300, 11.2107$ is the 20% darker color. If you saturate the color by 10%, you get $186.0320, 8.3652, 23.6509$, and if you desaturate by 10%, it is $211.8260, 0.5788, 1.0296$.

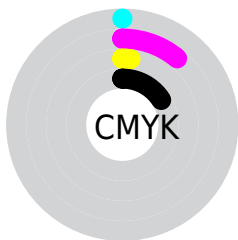
Distribution



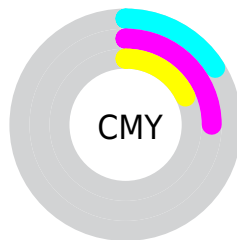
- Red (84%)
- Green (75%)
- Blue (82%)



- Red (84%)
- Yellow (75%)
- Blue (82%)



- Cyan (0%)
- Magenta (11%)
- Yellow (2%)
- Black (16%)




- Cyan (16%)
- Magenta (25%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YUV color 198.9290, 4.4720, 12.3403 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 198.9290, 4.4720, 12.3403 by changing the saturation by 10% instead.


 198.9290, 4.4720,
12.3403


 198.9290, 4.4720,
12.3403


255.0000, 0.0000,
0.0000

 171.5160, 4.1826,
11.8255


 249.7170, 2.6045,
4.6332

 145.2170, 4.3300,
11.2107

 119.2170, 4.3300,
11.2107

 94.8040, 4.0406,
10.6959

 70.5050, 4.1880,
10.0811

 48.0920, 3.8986,
9.5663

 27.2660, 3.3199,

8.5367

■ 5.8530, 3.0305,
8.0219

■ 0.0000, 0.0000,
0.0000

■ 198.9290, 4.4720,
12.3403

■ 198.9290, 4.4720,
12.3403

■ 186.0320, 8.3652,
23.6509

■ 211.8260, 0.5788,
1.0296

■ 172.6620, 12.9846,
35.3764

■ 225.1960, -4.0406,
-10.6959

■ 159.7650, 16.8779,
46.6871

■ 238.0930, -7.9338,
-22.0066

■ 146.8680, 20.7711,
57.9978

■ 239.2500, -6.0393,
-23.0212

134.0850, 25.1011,
69.2085

239.7060, -4.2921,
-23.4212

120.6010, 29.2837,
81.0339

240.2760, -2.1081,
-23.9211

107.8180, 33.6137,
92.2446

240.7320, -0.3609,
-24.3210

94.9210, 37.5069,
103.5553

241.3020, 1.8231,
-24.8209

82.7250, 41.5476,
114.2512

241.8720, 4.0071,
-25.3207

Harmonies

Analogous

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



197.8290, 9.4513, 1.9040



198.9290, 4.4720, 12.3403



199.3660, -1.6594, 18.9730

Triad

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



198.9290, 4.4720, 12.3403



196.3680, -11.5204, 8.4473



192.9200, 7.9274, -22.7318

Complementary

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



198.9290, 4.4720, 12.3403



204.0710, -4.4720, -12.3403

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.



192.7370, 2.1017, -20.8173



198.9290, 4.4720, 12.3403



194.8720, -9.3039, -2.5187

Square

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



198.9290, 4.4720, 12.3403



197.3520, -10.5265, 16.3543



193.1850, -4.0352, -12.4402



194.1530, 11.2636, -19.4282

Rectangle

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



198.9290, 4.4720, 12.3403



198.7530, -5.3012, 20.3876



193.1850, -4.0352, -12.4402



193.0510, 5.8909, -22.8467

Sweetspot

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



198.9290, 4.4720, 12.3403



250.0760, 1.4415, 4.3183



194.1170, 9.3093, 0.7744



124.2500, 0.8628, 3.2887



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.



198.9290, 4.4720, 12.3403



234.8310, 6.4923, 17.6882



197.6750, -0.3328, 13.4400



100.3150, 2.3097, 5.8627



66.4050, 33.3243, 91.7298



16.7330, 8.5126, 23.0362

Inverse Universe

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



198.9290, 4.4720, 12.3403



234.8310, 6.4923, 17.6882



205.3250, 0.3328, -13.4400



100.3150, 2.3097, 5.8627



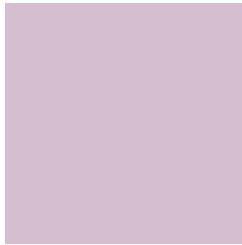
66.4050, 33.3243, 91.7298



16.7330, 8.5126, 23.0362

Previews

White Background



This preview shows how the YUV color 198.9290, 4.4720, 12.3403 looks on a white background.

Color Contrast Check

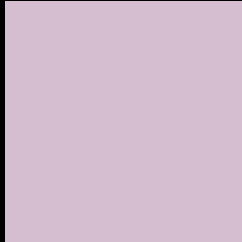
Large Text (above 18pt) WCAG AA × Fail

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 198.9290, 4.4720, 12.3403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

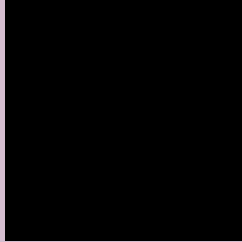
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.9290, 4.4720, 12.3403

Background



This preview shows how black text looks on a background with the YUV color 198.9290, 4.4720, 12.3403.



This preview shows how white text looks on a background with the YUV color 198.9290, 4.4720,

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

198.9290, 4.4720, 12.3403

Protanopia

197.1230, 6.8414, -0.9849

Deuteranopia

198.9180, 4.4774, 10.5959



Tritanopia

198.5870, 3.1616, 12.6402

Trichromacy



Original Color

198.9290, 4.4720, 12.3403

Protanomaly

197.6290, 6.0989, 3.8334

Deuteranomaly

199.2170, 4.3300, 11.2107

Tritanomaly

198.7010, 3.5984, 12.5402

Monochromacy



Original Color

198.9290, 4.4720, 12.3403

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.0760, 1.4415, 4.3183

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.9290, 4.4720, 12.3403 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(213, 190, 208)` looks like.

```
.text, #text, p{  
    color:rgb(213, 190, 208)  
}
```

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(213, 190, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 190, 208) }
```

Border

The CSS property to change the border of an element to YUV 198.9290, 4.4720, 12.3403 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(213, 190, 208) }
```


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

```
.border{ border-color:rgb(213, 190, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 190, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 190, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 190, 208);  
box-shadow:4px 4px 4px 4px rgb(213, 190,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 198.9290, 4.4720, 12.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 190, 208) }
```

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

```
.background{ background-color: rgb(213,  
190, 208) }
```

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