

Converting Colors

XYZ(57.9878, 51.4971, 92.3176)

Have a look what the booklet for
XYZ(57.9878, 51.4971, 92.3176)
contains.

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Color

**XYZ(57.9817, 51.6378,
92.4991)**

Conversions

Conversions Part 1

Format	Color
Hex	CFB2F4
RGB	207, 178, 244
RGB Percent	81%, 70%, 96%
CMY	0.1882, 0.3019, 0.0431
CMYK	0.15, 0.27, 0.00, 0.04
HSL	266°, 75%, 83%
HSV	266°, 27%, 96%
XYZ	57.9817, 51.6378, 92.4991
YIQ	194.1950, -3.9020, 26.6740

Conversions

Conversions Part 2

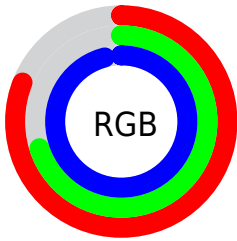
Format	Color
R _Y B	207, 178, 244
Decimal	13611764
CIE Lab	77.06, 22.92, -28.96
CIE LCh	77, 36.933, 308.352
Yxy	51.6378, 0.2869, 0.2555
Android (android.graphics.Color)	4291801844 (0xFFCFB2F4)
YUV	194.1950, 24.5539, 11.2300
Hunter-Lab	71.8594, 18.2734, -26.0178

Details

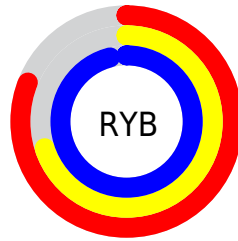
The XYZ color **57.9817, 51.6378, 92.4991** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **68.4124, 82.3640, 54.4138**, and the grayscale version is **51.2558, 53.9251, 58.7245**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **29.3596, 24.9735, 50.8499** is the 20% darker color. If you saturate the color by 10%, you get **49.8946, 40.8925, 90.8521**, and if you desaturate by 10%, it is **67.2667, 64.2849, 94.4517**.

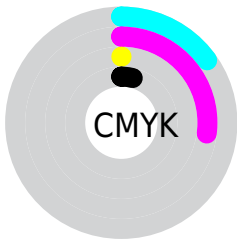
Distribution



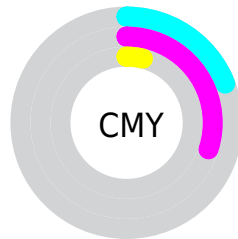
- Red (81%)
- Green (70%)
- Blue (96%)



- Red (81%)
- Yellow (70%)
- Blue (96%)



- Cyan (15%)
- Magenta (27%)
- Yellow (0%)
- Black (4%)



- Cyan (19%)
- Magenta (30%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9817, 51.6378, 92.4991 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 XYZ color 57.9817, 51.6378, 92.4991 by changing the saturation by 10% instead.

■ 57.9817, 51.6378,
92.4991

■ 57.9817, 51.6378,
92.4991

407.0727,
393.0367, 556.9057

■ 42.0371, 36.7165,
69.4699

■ 101.0193, 92.5969,
152.7706

■ 29.3216, 24.9880,
50.6204

128.8431,
119.4033, 190.8501

■ 19.4698, 16.0681,
35.5319

161.3573,
150.9403, 234.7833

■ 12.1162, 9.5724,
23.7861

198.9274,
187.5922, 284.9889

■ 6.8956, 5.1164,
14.9643

241.9186,
229.7434, 341.8854

■ 3.4427, 2.3157,
8.6480

290.6963,

■ 1.3919, 0.7820,

277.7783, 405.8914

4.4186

345.6259,
332.0813, 477.4253

■ 0.2505, 0.0000,
1.8577

■ 0.0000, 0.0000,
0.4656

■ 57.9817, 51.6378,
92.4991

■ 57.9817, 51.6378,
92.4991

■ 49.8946, 40.8925,
90.8521

■ 67.2667, 64.2849,
94.4517

■ 42.9462, 31.9467,
89.4916

■ 77.7951, 78.9164,
96.7210

■ 37.0796, 24.6983,
88.4017

■ 89.6157, 95.6176,
99.3216

■ 32.2303, 19.0315,
87.5635

■ 93.3293, 99.3117,
99.8389

■ 28.3258, 14.8157,
86.9556

■ 25.2823, 11.8982,
86.5529

■ 22.9946, 10.0839,
86.3232

■ 22.4182, 9.6707,
86.2739

Harmonies

Analogous

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



51.0758, 51.6378, 104.0509



57.9817, 51.6378, 92.4991



62.7898, 51.6378, 71.7984

Triad

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



57.9817, 51.6378, 92.4991



54.2531, 51.6378, 27.3078



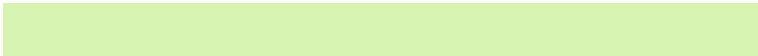
36.8520, 51.6378, 62.0549

Complementary

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



57.9817, 51.6378, 92.4991



68.4124, 82.3640, 54.4138

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.



37.5272, 51.6378, 43.0837



57.9817, 51.6378, 92.4991



47.1373, 51.6378, 25.8953

Square

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



57.9817, 51.6378, 92.4991



60.4977, 51.6378, 35.4109



41.1398, 51.6378, 30.9427



39.1979, 51.6378, 83.9201

Rectangle

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



57.9817, 51.6378, 92.4991



63.9167, 51.6378, 57.3489



41.1398, 51.6378, 30.9427



36.7380, 51.6378, 55.1155

Sweetspot

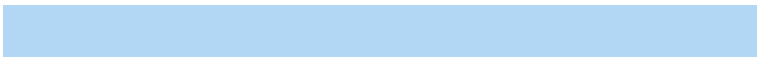
The Sweet Spot groups the original color and five complimentary colors.



57.9834, 51.6399, 92.5003



84.8009, 85.5630, 106.6536



59.0934, 64.8033, 94.9825



17.7604, 17.7682, 22.7435



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.9834, 51.6399, 92.5003



59.4369, 50.8532, 101.2907



68.0505, 56.8297, 92.9714



16.2721, 16.2829, 20.8279



12.3406, 5.3361, 46.9176



1.2005, 0.5287, 4.1290

Inverse Universe

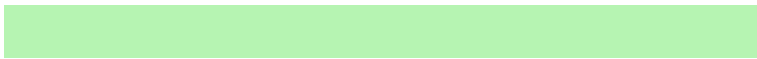
The Inverse Universe completely reimagines the original color for something new.



65.4959, 55.9822, 71.6454



69.0658, 56.4229, 74.3690



59.7743, 77.9109, 54.0095



16.8882, 16.6381, 19.1577



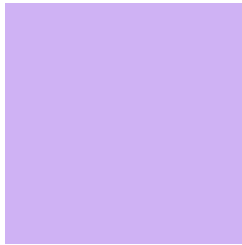
22.8030, 11.4647, 14.2031



2.0558, 1.0283, 1.5202

Previews

White Background



This preview shows how the XYZ color 57.9817, 51.6378, 92.4991 looks on a white background.

Color Contrast Check

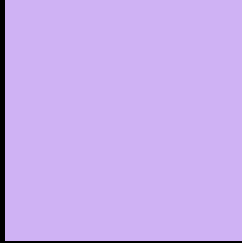
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 57.9817, 51.6378, 92.4991 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](#).

XYZ 57.9817, 51.6378, 92.4991

Background



This preview shows how black text looks on a background with the XYZ color 57.9817, 51.6378, 92.4991.

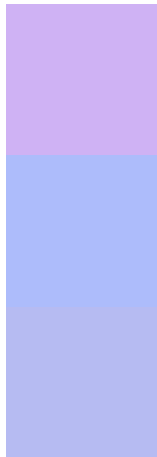


This preview shows how white text looks on a background with the XYZ color 57.9817, 51.6378,

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

57.9817, 51.6378, 92.4991

Protanopia

52.6294, 51.8157, 98.4944

Deuteranopia

53.0887, 51.8965, 91.2234



Tritanopia

51.9209, 51.6142, 62.4844

Trichromacy



Original Color

57.9817, 51.6378, 92.4991

Protanomaly

54.0914, 51.3726, 95.8719

Deuteranomaly

54.8040, 51.8284, 91.9094

Tritanomaly

54.0865, 51.5732, 72.7496

Monochromacy



Original Color

57.9817, 51.6378, 92.4991

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

53.4201, 52.8620, 69.6752

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9817, 51.6378, 92.4991 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(207, 178, 244)` looks like.

```
.text, #text, p{  
    color:rgb(207, 178, 244)  
}
```

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(207, 178, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 178, 244) }
```

Border

The CSS property to change the border of an element to XYZ 57.9817, 51.6378, 92.4991 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(207, 178, 244) }
```


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

```
.border{ border-color:rgb(207, 178, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 178, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 178, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 178, 244);  
box-shadow:4px 4px 4px 4px rgb(207, 178,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9817, 51.6378, 92.4991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 178, 244) }
```

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

```
.background{ background-color: rgb(207,  
178, 244) }
```

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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