

Converting Colors

XYZ(51.5625, 50.1224, 59.4902)

Have a look what the booklet for
XYZ(51.5625, 50.1224, 59.4902)
contains.

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Color

**XYZ(51.7078, 50.3245,
59.8116)**

Conversions

Conversions Part 1

Format	Color
Hex	CCB6C5
RGB	204, 182, 197
RGB Percent	80%, 71%, 77%
CMY	0.2000, 0.2863, 0.2274
CMYK	0.00, 0.11, 0.03, 0.20
HSL	319°, 18%, 76%
HSV	319°, 11%, 80%
XYZ	51.7078, 50.3245, 59.8116
YIQ	190.2880, 8.2970, 9.3290

Conversions

Conversions Part 2

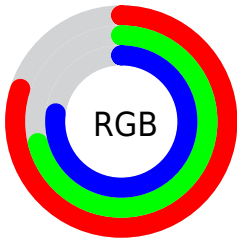
Format	Color
R_{YB}	204, 182, 197
Decimal	13416133
CIE _{Lab}	76.27, 10.46, -4.71
CIE _{LCh}	76, 11.477, 335.750
Yxy	50.3245, 0.3195, 0.3109
Android (android.graphics.Color)	4291606213 (0xFFCCB6C5)
YUV	190.2880, 3.3090, 12.0254
Hunter-Lab	70.9398, 5.9636, -0.3315

Details

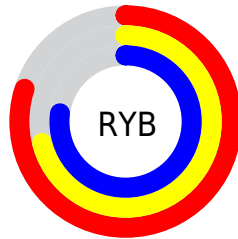
The XYZ color **51.7078, 50.3245, 59.8116** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.0715, 56.8062, 56.4725**, and the grayscale version is **49.0889, 51.6453, 56.2418**.

A 20% lighter version of the original color is **89.7039, 89.5648, 106.3258**, and **25.3859, 24.1677, 29.3135** is the 20% darker color. If you saturate the color by 10%, you get **47.1030, 42.2792, 54.6856**, and if you desaturate by 10%, it is **56.9562, 59.6042, 65.3114**.

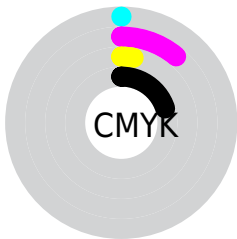
Distribution



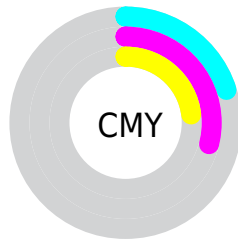
- Red (80%)
- Green (71%)
- Blue (77%)



- Red (80%)
- Yellow (71%)
- Blue (77%)



- Cyan (0%)
- Magenta (11%)
- Yellow (3%)
- Black (20%)



- Cyan (20%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.7078, 50.3245, 59.8116 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 51.7078, 50.3245, 59.8116 by changing the saturation by 10% instead.


 51.7078, 50.3245,
59.8116

 51.7078, 50.3245,
59.8116


383.6500,
387.9336, 441.6883

 36.9955, 35.6713,
42.8425

 91.8769, 90.6555,
106.0970

 25.3777, 24.1804,
29.4311

118.0645,
117.1021, 136.2504

 16.4889, 15.4675,
19.1588

148.8080,
148.2486, 171.6356

 9.9638, 9.1482,
11.6071

184.4726,
184.4794, 212.6713

 5.4371, 4.8380,
6.3575

225.4238,
226.1789, 259.7758

 2.5433, 2.1525,
2.9914

272.0268,

 0.9171, 0.6939,

273.7315, 313.3678

1.0902

324.6471,
327.5216, 373.8658

■ 0.0000, 0.0000,
0.0000

■ 51.7078, 50.3245,
59.8116

■ 51.7078, 50.3245,
59.8116

■ 47.1030, 42.2792,
54.6856

■ 56.9562, 59.6042,
65.3114

■ 43.1108, 35.4091,
49.9194

■ 62.8688, 70.1612,
71.1919

■ 39.7041, 29.6601,
45.5024

■ 69.4706, 82.0442,
77.4642

■ 36.8521, 24.9712,
41.4224

■ 73.9772, 89.6836,
83.2017

■ 34.5210, 21.2754,
37.6660

■ 74.8694, 90.0404,
87.9001

■ 32.6731, 18.4983,
34.2186

■ 75.7956, 90.4109,
92.7771

■ 31.2657, 16.5545,
31.0636

■ 76.7560, 90.7951,
97.8348

■ 30.2476, 15.3430,
28.1819

■ 77.7511, 91.1931,
103.0749

■ 29.5683, 14.7040,
25.7371

■ 78.7121, 91.5775,
108.1354

Harmonies

Analogous

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



50.2924, 50.3245, 64.9944



51.7078, 50.3245, 59.8116



52.0716, 50.3245, 53.6152

Triad

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



51.7078, 50.3245, 59.8116



47.4182, 50.3245, 43.8216



44.5492, 50.3245, 62.0200

Complementary

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



51.7078, 50.3245, 59.8116



50.0715, 56.8062, 56.4725

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.



43.8289, 50.3245, 55.9916



51.7078, 50.3245, 59.8116



45.4531, 50.3245, 45.7224

Square

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



51.7078, 50.3245, 59.8116



49.5530, 50.3245, 44.6773



44.1547, 50.3245, 50.0667



46.1512, 50.3245, 66.3349

Rectangle

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



51.7078, 50.3245, 59.8116



51.6596, 50.3245, 49.8023



44.1547, 50.3245, 50.0667



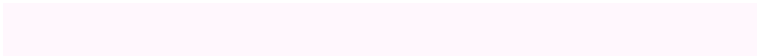
44.1982, 50.3245, 60.1104

Sweetspot

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



51.7093, 50.3267, 59.8127



92.2684, 95.0600, 106.0514



48.6071, 48.6326, 63.9525



19.5938, 20.0712, 22.5385



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.



51.7093, 50.3267, 59.8127



83.7191, 79.9820, 96.9727



50.4980, 49.8422, 53.4343



11.5297, 11.3406, 13.3241



18.6543, 9.2723, 16.4303



0.9959, 0.4918, 1.0243

Inverse Universe

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



51.7093, 50.3267, 59.8127



83.7191, 79.9820, 96.9727



51.3073, 57.3006, 62.9801



11.5297, 11.3406, 13.3241



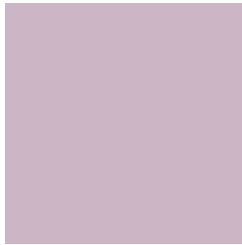
18.6543, 9.2723, 16.4303



0.9959, 0.4918, 1.0243

Previews

White Background



This preview shows how the XYZ color 51.7078, 50.3245, 59.8116 looks on a white background.

Color Contrast Check

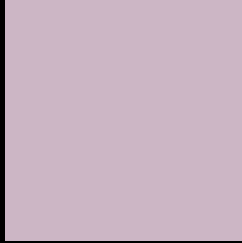
Large Text (above 18pt) WCAG AA × Fail

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 51.7078, 50.3245, 59.8116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

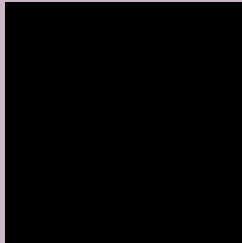
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.7078, 50.3245, 59.8116

Background



This preview shows how black text looks on a background with the XYZ color 51.7078, 50.3245, 59.8116.



This preview shows how white text looks on a background with the XYZ color 51.7078, 50.3245,

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

51.7078, 50.3245, 59.8116

Protanopia

48.9347, 50.4021, 61.7930

Deuteranopia

51.3687, 50.4547, 59.8546



Tritanopia

51.5936, 50.2788, 59.2101

Trichromacy



Original Color

51.7078, 50.3245, 59.8116

Protanomaly

49.9059, 50.2908, 61.1096

Deuteranomaly

51.6401, 50.5947, 59.8673

Tritanomaly

51.5936, 50.2788, 59.2101

Monochromacy



Original Color

51.7078, 50.3245, 59.8116

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.9016, 50.9930, 57.6646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7078, 50.3245, 59.8116 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(204, 182, 197)` looks like.

```
.text, #text, p{  
    color:rgb(204, 182, 197)  
}
```

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(204, 182, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 182, 197) }
```

Border

The CSS property to change the border of an element to XYZ 51.7078, 50.3245, 59.8116 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(204, 182, 197) }
```


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

```
.border{ border-color:rgb(204, 182, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 182, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 182, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 182, 197);  
box-shadow:4px 4px 4px 4px rgb(204, 182,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7078, 50.3245, 59.8116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 182, 197) }
```

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

```
.background{ background-color: rgb(204,  
182, 197) }
```

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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