

Converting Colors

XYZ(58.1469, 59.0257, 64.3789)

Have a look what the booklet for
XYZ(58.1469, 59.0257, 64.3789)
contains.

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Color

**XYZ(58.2355, 59.1082,
64.2168)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C7CA
RGB	212, 199, 202
RGB Percent	83%, 78%, 79%
CMY	0.1686, 0.2196, 0.2078
CMYK	0.00, 0.06, 0.05, 0.17
HSL	346°, 13%, 81%
HSV	346°, 6%, 83%
XYZ	58.2355, 59.1082, 64.2168
YIQ	203.2290, 6.7850, 3.6890

Conversions

Conversions Part 2

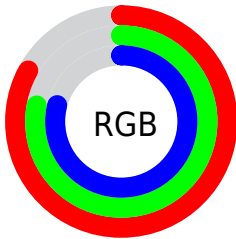
Format	Color
R _{YB}	212, 199, 202
Decimal	13944778
CIE Lab	81.35, 5.05, 0.12
CIE LCh	81, 5.057, 1.400
Yxy	59.1082, 0.3207, 0.3256
Android (android.graphics.Color)	4292134858 (0xFFD4C7CA)
YUV	203.2290, -0.6059, 7.6922
Hunter-Lab	76.8819, 0.6647, 4.2944

Details

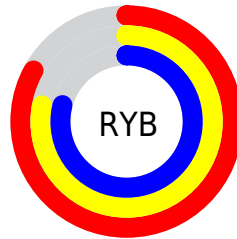
The XYZ color **58.2355, 59.1082, 64.2168** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6076, 63.8341, 69.5571**, and the grayscale version is **56.9107, 59.8745, 65.2034**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.3753, 29.5570, 32.1738** is the 20% darker color. If you saturate the color by 10%, you get **51.8632, 49.2924, 53.0621**, and if you desaturate by 10%, it is **65.4948, 70.3698, 76.6760**.

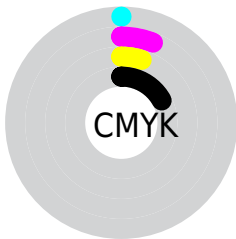
Distribution



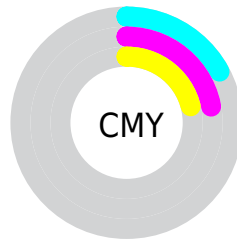
- Red (83%)
- Green (78%)
- Blue (79%)



- Red (83%)
- Yellow (78%)
- Blue (79%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (17%)



- Cyan (17%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2355, 59.1082, 64.2168 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 58.2355, 59.1082, 64.2168 by changing the saturation by 10% instead.

■ 58.2355, 59.1082,
64.2168

■ 58.2355, 59.1082,
64.2168

408.0026,
421.3028, 458.2011

■ 42.2420, 42.7002,
46.3790

101.3867,
103.5349, 112.5256

■ 29.4828, 29.6500,
32.1942

129.2751,
132.3224, 143.8336

■ 19.5924, 19.5731,
21.2438

161.8593,
166.0053, 180.4688

■ 12.2057, 12.0851,
13.1094

199.5044,
204.9678, 222.8497

■ 6.9571, 6.8017,
7.3723

242.5760,
249.5944, 271.3948

■ 3.4814, 3.3384,
3.6140

291.4393,

■ 1.4131, 1.3108,

300.2695, 326.5227

1.4161

346.4597,
357.3775, 388.6520

■ 0.2656, 0.1496,
0.1542

■ 0.0000, 0.0000,
0.0000

■ 58.2355, 59.1082,
64.2168

■ 58.2355, 59.1082,
64.2168

■ 51.8632, 49.2924,
53.0621

■ 65.4948, 70.3698,
76.6760

■ 46.3388, 40.8564,
43.1655

■ 73.6686, 83.1247,
90.4763

■ 41.6274, 33.7404,
34.4833

■ 80.3146, 92.4784,
104.8331

■ 37.6897, 27.8771,
26.9680

■ 80.9617, 92.7372,
108.2407

■ 34.4834, 23.1935,
20.5687

■ 31.9616, 19.6088,
15.2309

■ 30.0721, 17.0320,
10.8948

■ 28.7546, 15.3573,
7.4948

■ 27.9349, 14.4530,
4.9557

Harmonies

Analogous

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



57.9827, 59.1082, 67.1835



58.2355, 59.1082, 64.2168



57.9320, 59.1082, 61.3756

Triad

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



58.2355, 59.1082, 64.2168



55.1290, 59.1082, 59.5206



55.2139, 59.1082, 69.6019

Complementary

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



58.2355, 59.1082, 64.2168



58.6076, 63.8341, 69.5571

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.



54.4648, 59.1082, 67.4371



58.2355, 59.1082, 64.2168



54.4162, 59.1082, 61.6144

Square

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



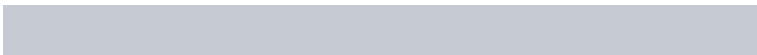
58.2355, 59.1082, 64.2168



56.1310, 59.1082, 58.7173



54.1746, 59.1082, 64.5010



56.2302, 59.1082, 70.3505

Rectangle

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



58.2355, 59.1082, 64.2168



57.4572, 59.1082, 59.9192



54.1746, 59.1082, 64.5010



54.9230, 59.1082, 69.0124

Sweetspot

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



58.2372, 59.1108, 64.2181



92.8191, 96.5389, 105.0712



58.5941, 59.1535, 70.6177



19.8905, 20.6995, 22.5298



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.



58.2372, 59.1108, 64.2181



87.4845, 88.2820, 95.8563



58.6923, 60.5833, 62.6363



12.8180, 12.8972, 13.9996



17.1346, 8.7902, 2.7471



1.0658, 0.5431, 0.3357

Inverse Universe

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



58.2372, 59.1108, 64.2181



87.4845, 88.2820, 95.8563



58.1251, 62.2697, 71.2439



12.8180, 12.8972, 13.9996



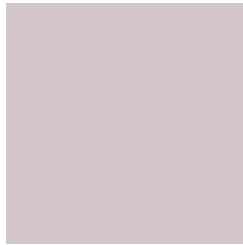
17.1346, 8.7902, 2.7471



1.0658, 0.5431, 0.3357

Previews

White Background



This preview shows how the XYZ color 58.2355, 59.1082, 64.2168 looks on a white background.

Color Contrast Check

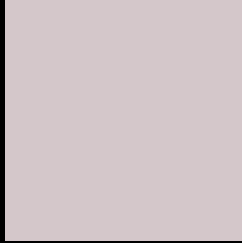
Large Text (above 18pt) WCAG AA × Fail

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 58.2355, 59.1082, 64.2168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

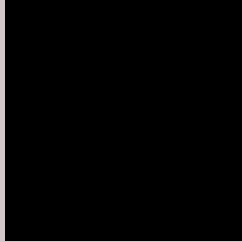
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

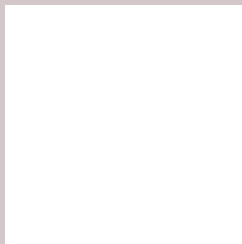
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.2355, 59.1082, 64.2168

Background



This preview shows how black text looks on a background with the XYZ color 58.2355, 59.1082, 64.2168.

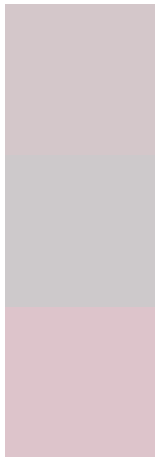


This preview shows how white text looks on a background with the XYZ color 58.2355, 59.1082,

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

58.2355, 59.1082, 64.2168

Protanopia

56.8430, 59.0642, 64.9045

Deuteranopia

60.3382, 59.1638, 64.7395



Tritanopia

59.7080, 59.0327, 71.1983

Trichromacy



Original Color

58.2355, 59.1082, 64.2168

Protanomaly

57.4462, 59.0302, 64.8662

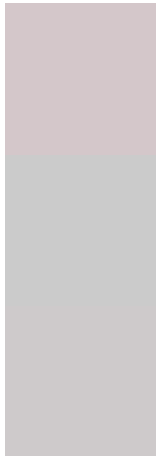
Deuteranomaly

59.6592, 59.1497, 64.7726

Tritanomaly

59.1433, 59.1378, 68.6191

Monochromacy



Original Color

58.2355, 59.1082, 64.2168

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.3536, 59.6747, 64.9954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2355, 59.1082, 64.2168 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(212, 199, 202)` looks like.

```
.text, #text, p{  
    color:rgb(212, 199, 202)  
}
```

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(212, 199, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 199, 202) }
```

Border

The CSS property to change the border of an element to XYZ 58.2355, 59.1082, 64.2168 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(212, 199, 202) }
```


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

```
.border{ border-color:rgb(212, 199, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 199, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 199, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 199, 202);  
box-shadow:4px 4px 4px 4px rgb(212, 199,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2355, 59.1082, 64.2168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 199, 202) }
```

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

```
.background{ background-color: rgb(212,  
199, 202) }
```

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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