

Converting Colors

XYZ(58.5298, 58.2218, 69.2447)

Have a look what the booklet for
XYZ(58.5298, 58.2218, 69.2447)
contains.

XYZ(58.5242, 58.1300, 69.1084)	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

**XYZ(58.5242, 58.1300,
69.1084)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C4D2
RGB	212, 196, 210
RGB Percent	83%, 77%, 82%
CMY	0.1686, 0.2314, 0.1765
CMYK	0.00, 0.08, 0.01, 0.17
HSL	308°, 16%, 80%
HSV	308°, 8%, 83%
XYZ	58.5242, 58.1300, 69.1084
YIQ	202.3800, 5.0420, 7.7460

Conversions

Conversions Part 2

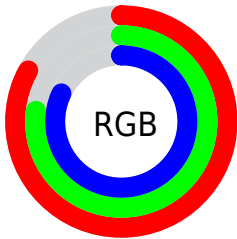
Format	Color
R_{YB}	212, 196, 210
Decimal	13944018
CIE _{Lab}	80.81, 8.08, -4.96
CIE _{LCh}	81, 9.485, 328.454
Yxy	58.1300, 0.3150, 0.3129
Android (android.graphics.Color)	4292134098 (0xFFD4C4D2)
YUV	202.3800, 3.7567, 8.4367
Hunter-Lab	76.2430, 3.5914, -0.3717

Details

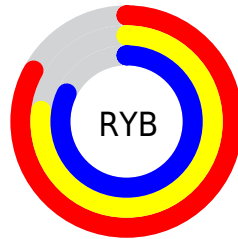
The XYZ color **58.5242, 58.1300, 69.1084** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5037, 62.9017, 62.5924**, and the grayscale version is **56.3528, 59.2875, 64.5641**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **29.5784, 28.9144, 35.4746** is the 20% darker color. If you saturate the color by 10%, you get **53.7492, 49.1034, 65.9013**, and if you desaturate by 10%, it is **63.9837, 68.5152, 72.5721**.

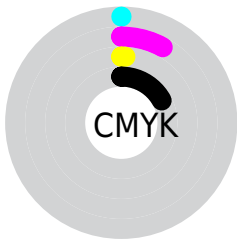
Distribution



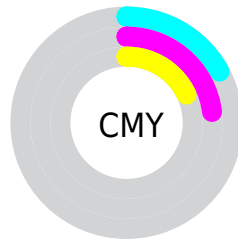
- Red (83%)
- Green (77%)
- Blue (82%)



- Red (83%)
- Yellow (77%)
- Blue (82%)



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (17%)



- Cyan (17%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5242, 58.1300, 69.1084 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 58.5242, 58.1300, 69.1084 by changing the saturation by 10% instead.

■ 58.5242, 58.1300,
69.1084

■ 58.5242, 58.1300,
69.1084

409.0588,
417.6702, 476.1175

■ 42.4751, 41.9132,
50.3277

101.8044,
102.1121, 119.6055

■ 29.6662, 29.0333,
35.3008

129.7662,
130.6462, 152.1591

■ 19.7322, 19.1060,
23.6093

162.4297,
164.0549, 190.1406

■ 12.3077, 11.7469,
14.8345

200.1601,
202.7225, 233.9687

■ 7.0273, 6.5716,
8.5580

243.3229,
247.0334, 284.0619

■ 3.5256, 3.1957,
4.3612

292.2834,

■ 1.4374, 1.2347,

297.3721, 340.8387

1.8255

347.4069,
354.1229, 404.7178

■ 0.2827, 0.0898,
0.4447

■ 0.0000, 0.0000,
0.0000

■ 58.5242, 58.1300,
69.1084

■ 58.5242, 58.1300,
69.1084

■ 53.7492, 49.1034,
65.9013

■ 63.9837, 68.5152,
72.5721

■ 49.6254, 41.3714,
62.9374

■ 70.1492, 80.3044,
76.2976

■ 46.1244, 34.8762,
60.2078

■ 75.5608, 90.5769,
79.7990

■ 43.2136, 29.5528,
57.7016

■ 75.9105, 90.7167,
81.6405

40.8573, 25.3299,
55.4067

76.2657, 90.8589,
83.5113

39.0162, 22.1288,
53.3099

76.6266, 91.0032,
85.4117

37.6456, 19.8601,
51.3961

76.9931, 91.1498,
87.3416

36.6931, 18.4192,
49.6478

77.3653, 91.2987,
89.3013

36.0864, 17.6615,
48.0406

77.7431, 91.4498,
91.2910

Harmonies

Analogous

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



57.0654, 58.1300, 73.2622



58.5242, 58.1300, 69.1084



59.1032, 58.1300, 63.5853

Triad

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



58.5242, 58.1300, 69.1084



55.3526, 58.1300, 53.1087



52.0041, 58.1300, 68.5750

Complementary

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



58.5242, 58.1300, 69.1084



56.5037, 62.9017, 62.5924

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.



51.5696, 58.1300, 63.0030



58.5242, 58.1300, 69.1084



53.4751, 58.1300, 54.2731

Square

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



58.5242, 58.1300, 69.1084



57.2455, 58.1300, 54.5364



52.1018, 58.1300, 57.8146



53.3030, 58.1300, 72.9416

Rectangle

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



58.5242, 58.1300, 69.1084



58.9023, 58.1300, 59.9393



52.1018, 58.1300, 57.8146



51.7535, 58.1300, 66.7709

Sweetspot

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



58.5259, 58.1325, 69.1097



93.3420, 96.7481, 107.8250



54.8796, 56.2238, 70.2483



19.9969, 20.7421, 23.0903



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.



58.5259, 58.1325, 69.1097



87.7020, 86.0379, 104.1882



57.5698, 57.7501, 64.0748



12.8831, 12.6047, 15.3245



22.2256, 10.8266, 29.5558



1.3597, 0.6607, 1.8836

Inverse Universe

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



58.5259, 58.1325, 69.1097



87.7020, 86.0379, 104.1882



57.4348, 63.2741, 67.4954



12.8831, 12.6047, 15.3245



22.2256, 10.8266, 29.5558



1.3597, 0.6607, 1.8836

Previews

White Background



This preview shows how the XYZ color 58.5242, 58.1300, 69.1084 looks on a white background.

Color Contrast Check

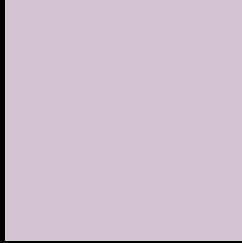
Large Text (above 18pt) WCAG AA × Fail

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 58.5242, 58.1300, 69.1084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

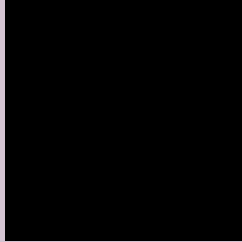
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5242, 58.1300, 69.1084

Background



This preview shows how black text looks on a background with the XYZ color 58.5242, 58.1300, 69.1084.



This preview shows how white text looks on a background with the XYZ color 58.5242, 58.1300,

69.1084.

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

58.5242, 58.1300, 69.1084

Protanopia

56.3945, 58.0178, 70.5136

Deuteranopia

59.4669, 58.2823, 69.0881



Tritanopia

58.6492, 58.1801, 69.7667

Trichromacy



Original Color

58.5242, 58.1300, 69.1084

Protanomaly

57.1288, 58.0705, 69.8257

Deuteranomaly

59.1723, 58.1304, 69.0743

Tritanomaly

58.6492, 58.1801, 69.7667

Monochromacy



Original Color

58.5242, 58.1300, 69.1084

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.1273, 58.8381, 66.1036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5242, 58.1300, 69.1084 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, 196, 210) looks like.

```
.text, #text, p{  
    color:rgb(212, 196, 210)  
}
```

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, 196, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 196, 210) }
```

Border

The CSS property to change the border of an element to XYZ 58.5242, 58.1300, 69.1084 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, 196, 210) }
```


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

```
.border{ border-color:rgb(212, 196, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 196, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 196, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 196, 210);  
box-shadow:4px 4px 4px 4px rgb(212, 196,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5242, 58.1300, 69.1084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 196, 210) }
```

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

```
.background{ background-color: rgb(212,  
196, 210) }
```

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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