

Converting Colors

XYZ(59.1186, 60.3034, 68.4225)

Have a look what the booklet for
XYZ(59.1186, 60.3034, 68.4225)
contains.

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Color

**XYZ(58.8502, 60.0290,
68.1595)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C9D0
RGB	210, 201, 208
RGB Percent	82%, 79%, 82%
CMY	0.1765, 0.2117, 0.1843
CMYK	0.00, 0.04, 0.01, 0.18
HSL	313°, 9%, 81%
HSV	313°, 4%, 82%
XYZ	58.8502, 60.0290, 68.1595
YIQ	204.4890, 3.1170, 4.0850

Conversions

Conversions Part 2

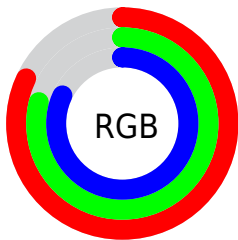
Format	Color
R _Y B	210, 201, 208
Decimal	13814224
CIE Lab	81.85, 4.38, -2.37
CIE LCh	82, 4.979, 331.521
Yxy	60.0290, 0.3146, 0.3209
Android (android.graphics.Color)	4292004304 (0xFFD2C9D0)
YUV	204.4890, 1.7309, 4.8331
Hunter-Lab	77.4784, -0.0041, 2.0761

Details

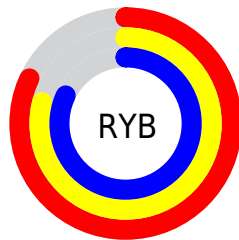
The XYZ color **58.8502, 60.0290, 68.1595** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.9158, 62.8242, 65.5769**, and the grayscale version is **57.6934, 60.6980, 66.1001**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.9768, 30.2685, 34.8343** is the 20% darker color. If you saturate the color by 10%, you get **53.7202, 50.6740, 63.6575**, and if you desaturate by 10%, it is **64.6698, 70.7345, 72.9763**.

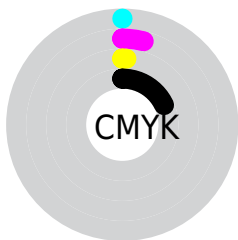
Distribution



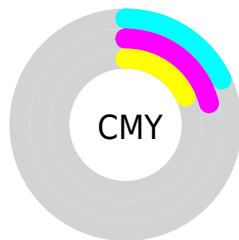
- Red (82%)
- Green (79%)
- Blue (82%)



- Red (82%)
- Yellow (79%)
- Blue (82%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (18%)



- Cyan (18%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8502, 60.0290, 68.1595 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 58.8502, 60.0290, 68.1595 by changing the saturation by 10% instead.

■ 58.8502, 60.0290,
68.1595

■ 58.8502, 60.0290,
68.1595

410.2495,
424.7047, 472.6743

■ 42.7384, 43.4420,
49.5600

102.2758,
104.8717, 118.2367

■ 29.8736, 30.2321,
34.6952

130.3203,
133.8963, 150.5514

■ 19.8902, 20.0148,
23.1465

163.0732,
167.8354, 188.2750

■ 12.4231, 12.4058,
14.4954

200.8997,
207.0736, 231.8260

■ 7.1067, 7.0207,
8.3234

244.1652,
251.9953, 281.6228

■ 3.5759, 3.4750,
4.2118

293.2352,

■ 1.4651, 1.3845,

302.9847, 338.0841

1.7423

348.4748,
360.4264, 401.6285

■ 0.3019, 0.2052,
0.3894

■ 0.0000, 0.0000,
0.0000

■ 58.8502, 60.0290,
68.1595

■ 58.8502, 60.0290,
68.1595

■ 53.7202, 50.6740,
63.6575

■ 64.6698, 70.7345,
72.9763

■ 49.2475, 42.6076,
59.4566

■ 71.1995, 82.8336,
78.1131

■ 45.4049, 35.7749,
55.5478

■ 75.5247, 90.4962,
82.6000

■ 42.1613, 30.1137,
51.9199

■ 76.1594, 90.7501,
85.9422

39.4828, 25.5567,
48.5610

76.8116, 91.0110,
89.3764

37.3321, 22.0293,
45.4578

77.4813, 91.2789,
92.9033

35.6673, 19.4482,
42.5957

78.1688, 91.5539,
96.5237

34.4401, 17.7167,
39.9577

78.8742, 91.8360,
100.2381

33.5915, 16.7174,
37.5234

79.5976, 92.1254,
104.0474

Harmonies

Analogous

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



58.1186, 60.0290, 70.4191



58.8502, 60.0290, 68.1595



59.0994, 60.0290, 65.2079

Triad

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



58.8502, 60.0290, 68.1595



57.0021, 60.0290, 59.7460



55.3507, 60.0290, 68.4335

Complementary

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



58.8502, 60.0290, 68.1595



57.9158, 62.8242, 65.5769

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.



55.0598, 60.0290, 65.5151



58.8502, 60.0290, 68.1595



56.0060, 60.0290, 60.5519

Square

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



58.8502, 60.0290, 68.1595



58.0246, 60.0290, 60.4060



55.2982, 60.0290, 62.6409



56.0978, 60.0290, 70.5806

Rectangle

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



58.8502, 60.0290, 68.1595



58.9560, 60.0290, 63.2616



55.2982, 60.0290, 62.6409



55.1968, 60.0290, 67.5071

Sweetspot

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



58.8519, 60.0316, 68.1608



94.1507, 98.3473, 108.1506



57.1370, 59.1189, 69.3734



20.1616, 21.0678, 23.1566



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.



58.8519, 60.0316, 68.1608



90.6635, 91.9519, 105.2029



58.3122, 59.8157, 65.3189



12.6226, 12.7458, 14.6678



20.3011, 9.9933, 22.2897



1.1635, 0.5701, 1.3960

Inverse Universe

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



58.8519, 60.0316, 68.1608



90.6635, 91.9519, 105.2029



58.4536, 63.0393, 68.4089



12.6226, 12.7458, 14.6678



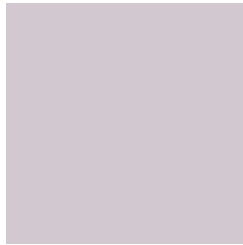
20.3011, 9.9933, 22.2897



1.1635, 0.5701, 1.3960

Previews

White Background



This preview shows how the XYZ color 58.8502, 60.0290, 68.1595 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 58.8502, 60.0290, 68.1595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

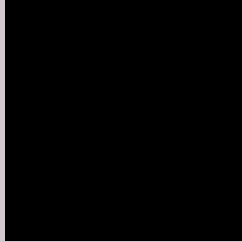
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

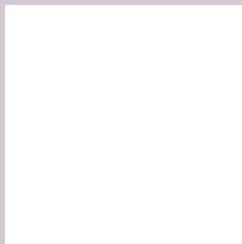
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.8502, 60.0290, 68.1595

Background



This preview shows how black text looks on a background with the XYZ color 58.8502, 60.0290, 68.1595.

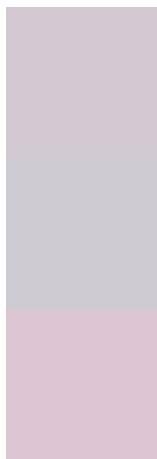


This preview shows how white text looks on a background with the XYZ color 58.8502, 60.0290,

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

58.8502, 60.0290, 68.1595

Protanopia

57.8060, 59.8236, 68.8220

Deuteranopia

61.2937, 59.9081, 68.6545



Tritanopia

59.9129, 60.1153, 73.4114

Trichromacy



Original Color

58.8502, 60.0290, 68.1595

Protanomaly

58.3613, 60.1099, 68.8480

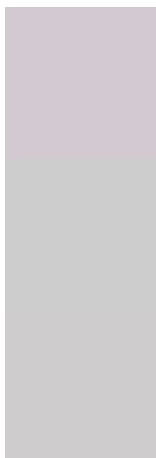
Deuteranomaly

60.3180, 59.7433, 68.6741

Tritanomaly

59.5285, 59.9615, 71.3870

Monochromacy



Original Color

58.8502, 60.0290, 68.1595

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.8290, 60.2415, 66.3375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8502, 60.0290, 68.1595 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(210, 201, 208) looks like.

```
.text, #text, p{  
    color:rgb(210, 201, 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(210, 201, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 201, 208) }
```

Border

The CSS property to change the border of an element to XYZ 58.8502, 60.0290, 68.1595 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(210, 201, 208) }
```


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

```
.border{ border-color:rgb(210, 201, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 201, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 201, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 201, 208);  
box-shadow:4px 4px 4px 4px rgb(210, 201,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8502, 60.0290, 68.1595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 201, 208) }
```

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

```
.background{ background-color: rgb(210,  
201, 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](#).

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