

Converting Colors

XYZ(59.1320, 60.5107, 68.4355)

Have a look what the booklet for
XYZ(59.1320, 60.5107, 68.4355)
contains.

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Color

**XYZ(59.0840, 60.4968,
68.2375)**

Conversions

Conversions Part 1

Format	Color
Hex	D2CAD0
RGB	210, 202, 208
RGB Percent	82%, 79%, 82%
CMY	0.1765, 0.2078, 0.1843
CMYK	0.00, 0.04, 0.01, 0.18
HSL	315°, 8%, 81%
HSV	315°, 4%, 82%
XYZ	59.0840, 60.4968, 68.2375
YIQ	205.0760, 2.8420, 3.5620

Conversions

Conversions Part 2

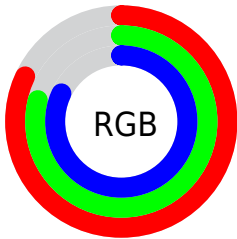
Format	Color
R _{YB}	210, 202, 208
Decimal	13814480
CIE Lab	82.11, 3.85, -2.00
CIE LCh	82, 4.337, 332.506
Yxy	60.4968, 0.3146, 0.3221
Android (android.graphics.Color)	4292004560 (0xFFD2CAD0)
YUV	205.0760, 1.4415, 4.3183
Hunter-Lab	77.7797, -0.5200, 2.4296

Details

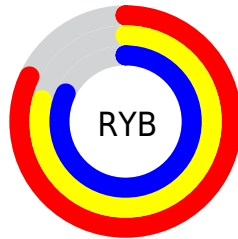
The XYZ color **59.0840, 60.4968, 68.2375** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3050, 63.0109, 66.2191**, and the grayscale version is **58.0680, 61.0921, 66.5292**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.1329, 30.5808, 34.8864** is the 20% darker color. If you saturate the color by 10%, you get **53.8532, 51.0515, 63.3591**, and if you desaturate by 10%, it is **65.0102, 71.2969, 73.4547**.

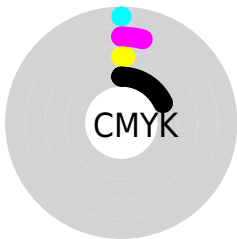
Distribution



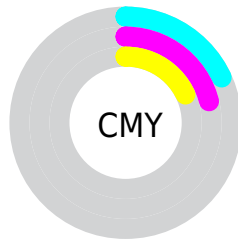
- Red (82%)
- Green (79%)
- Blue (82%)



- 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 59.0840, 60.4968, 68.2375 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 59.0840, 60.4968, 68.2375 by changing the saturation by 10% instead.

■ 59.0840, 60.4968,
68.2375

■ 59.0840, 60.4968,
68.2375

411.1022,
426.4265, 472.9579

■ 42.9274, 43.8192,
49.6231

102.6137,
105.5500, 118.3493

■ 30.0224, 30.5284,
34.7449

130.7174,
134.6944, 150.6837

■ 20.0038, 20.2400,
23.1845

163.5343,
168.7632, 188.4285

■ 12.5061, 12.5696,
14.5232

201.4295,
208.1407, 232.0023

■ 7.1639, 7.1329,
8.3426

244.7686,
253.2114, 281.8236

■ 3.6121, 3.5453,
4.2240

293.9168,

■ 1.4851, 1.4226,

304.3597, 338.3110

1.7490

349.2396,
361.9699, 401.8829

■ 0.3157, 0.2333,
0.3940

■ 0.0000, 0.0000,
0.0000

■ 59.0840, 60.4968,
68.2375

■ 59.0840, 60.4968,
68.2375

■ 53.8532, 51.0515,
63.3591

■ 65.0102, 71.2969,
73.4547

■ 49.2855, 42.8992,
58.8056

■ 71.6521, 83.4948,
79.0164

■ 45.3537, 35.9851,
54.5675

■ 75.7602, 90.5904,
83.8410

■ 42.0266, 30.2474,
50.6336

■ 76.4827, 90.8794,
87.6456

39.2706, 25.6188,
46.9915

77.2274, 91.1773,
91.5670

37.0485, 22.0253,
43.6277

77.9945, 91.4841,
95.6064

35.3185, 19.3840,
40.5273

78.7841, 91.8000,
99.7645

34.0325, 17.5988,
37.6731

79.5965, 92.1249,
104.0425

33.1323, 16.5536,
35.0446

80.3886, 92.4418,
108.2139

Harmonies

Analogous

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



58.4563, 60.4968, 70.2366



59.0840, 60.4968, 68.2375



59.2860, 60.4968, 65.6494

Triad

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



59.0840, 60.4968, 68.2375



57.4231, 60.4968, 60.9376



56.0213, 60.4968, 68.6311

Complementary

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



59.0840, 60.4968, 68.2375



58.3050, 63.0109, 66.2191

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.



55.7510, 60.4968, 66.0925



59.0840, 60.4968, 68.2375



56.5549, 60.4968, 61.6897

Square

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



59.0840, 60.4968, 68.2375



58.3210, 60.4968, 61.4779



55.9453, 60.4968, 63.5593



56.6876, 60.4968, 70.4680

Rectangle

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



59.0840, 60.4968, 68.2375



59.1503, 60.4968, 63.9503



55.9453, 60.4968, 63.5593



55.8815, 60.4968, 67.8292

Sweetspot

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



59.0857, 60.4994, 68.2388



94.1394, 98.3428, 108.0908



57.6577, 59.7346, 69.4645



20.1593, 21.0669, 23.1444



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.



59.0857, 60.4994, 68.2388



90.6074, 91.9295, 104.9075



58.6000, 60.3051, 65.6808



12.6139, 12.7423, 14.6217



19.9919, 9.8696, 20.6612



1.1485, 0.5641, 1.3170

Inverse Universe

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



59.0857, 60.4994, 68.2388



90.6074, 91.9295, 104.9075



58.7908, 63.2052, 68.7771



12.6139, 12.7423, 14.6217



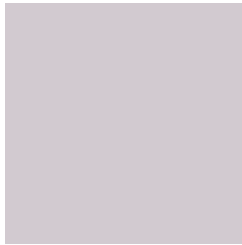
19.9919, 9.8696, 20.6612



1.1485, 0.5641, 1.3170

Previews

White Background



This preview shows how the XYZ color 59.0840, 60.4968, 68.2375 looks on a white background.

Color Contrast Check

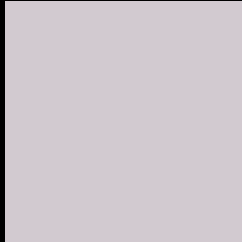
Large Text (above 18pt) WCAG AA × Fail

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 59.0840, 60.4968, 68.2375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

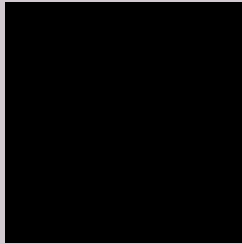
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.0840, 60.4968, 68.2375

Background



This preview shows how black text looks on a background with the XYZ color 59.0840, 60.4968, 68.2375.

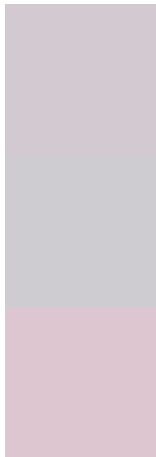


This preview shows how white text looks on a background with the XYZ color 59.0840, 60.4968,

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

59.0840, 60.4968, 68.2375

Protanopia

58.3182, 60.4371, 68.9134

Deuteranopia

61.8269, 60.5212, 68.7447



Tritanopia

60.1453, 60.5800, 73.4889

Trichromacy



Original Color

59.0840, 60.4968, 68.2375

Protanomaly

58.5967, 60.5807, 68.9265

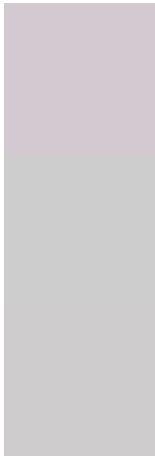
Deuteranomaly

60.8455, 60.3557, 68.7645

Tritanomaly

59.7609, 60.4263, 71.4645

Monochromacy



Original Color

59.0840, 60.4968, 68.2375

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.4656, 60.9074, 67.0673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0840, 60.4968, 68.2375 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, 202, 208) looks like.

```
.text, #text, p{  
    color:rgb(210, 202, 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, 202, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 202, 208) }
```

Border

The CSS property to change the border of an element to XYZ 59.0840, 60.4968, 68.2375 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, 202, 208) }
```


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

```
.border{ border-color:rgb(210, 202, 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, 202, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 202, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 202, 208);  
box-shadow:4px 4px 4px 4px rgb(210, 202,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0840, 60.4968, 68.2375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 202, 208) }
```

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

```
.background{ background-color: rgb(210,  
202, 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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