

Converting Colors

XYZ(59.5542, 62.0102, 68.0368)

Have a look what the booklet for
XYZ(59.5542, 62.0102, 68.0368)
contains.

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Color

**XYZ(59.6283, 62.2029,
67.8951)**

Conversions

Conversions Part 1

Format	Color
Hex	D1CECF
RGB	209, 206, 207
RGB Percent	82%, 81%, 81%
CMY	0.1804, 0.1921, 0.1882
CMYK	0.00, 0.01, 0.01, 0.18
HSL	340°, 3%, 81%
HSV	340°, 1%, 82%
XYZ	59.6283, 62.2029, 67.8951
YIQ	207.0110, 1.4670, 0.9470

Conversions

Conversions Part 2

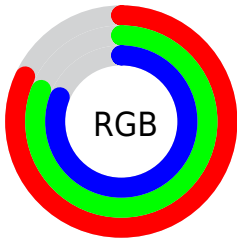
Format	Color
R _Y B	209, 206, 207
Decimal	13749967
CIE Lab	83.02, 1.21, -0.14
CIE LCh	83, 1.223, 353.428
Yxy	62.2029, 0.3143, 0.3279
Android (android.graphics.Color)	4291940047 (0xFFD1CECF)
YUV	207.0110, -0.0054, 1.7444
Hunter-Lab	78.8688, -3.0666, 4.1677

Details

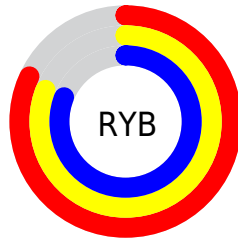
The XYZ color **59.6283, 62.2029, 67.8951** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.6416, 63.2785, 68.7482**, and the grayscale version is **59.3161, 62.4052, 67.9593**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.4956, 31.7249, 34.6532** is the 20% darker color. If you saturate the color by 10%, you get **53.2972, 52.1499, 57.7393**, and if you desaturate by 10%, it is **66.7827, 73.6596, 79.0704**.

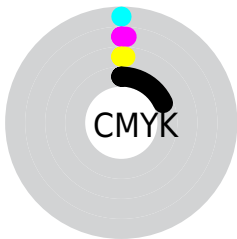
Distribution



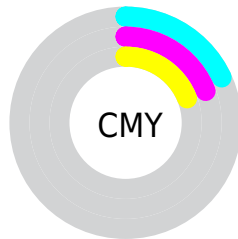
- Red (82%)
- Green (81%)
- Blue (81%)



- Red (82%)
- Yellow (81%)
- Blue (81%)



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



- Cyan (18%)
- Magenta (19%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6283, 62.2029, 67.8951 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 59.6283, 62.2029, 67.8951 by changing the saturation by 10% instead.

■ 59.6283, 62.2029,
67.8951

■ 59.6283, 62.2029,
67.8951

413.0831,
432.6708, 471.7122

■ 43.3674, 45.1967,
49.3462

103.3997,
108.0187, 117.8549

■ 30.3693, 31.6124,
34.5267

131.6409,
137.5971, 150.1028

■ 20.2685, 21.0656,
23.0179

164.6063,
172.1350, 187.7543

■ 12.6998, 13.1720,
14.4013

202.6612,
212.0168, 231.2277

■ 7.2977, 7.5471,
8.2584

246.1710,
257.6269, 280.9417

■ 3.6970, 3.8065,
4.1706

295.5010,

■ 1.5322, 1.5659,

309.3496, 337.3147

1.7194

351.0166,
367.5695, 400.7654

■ 0.3476, 0.3345,
0.3740

■ 0.0000, 0.0000,
0.0000

■ 59.6283, 62.2029,
67.8951

■ 59.6283, 62.2029,
67.8951

■ 53.2972, 52.1499,
57.7393

■ 66.7827, 73.6596,
79.0704

■ 47.7540, 43.4386,
48.5696

■ 74.7835, 86.5630,
91.2889

■ 42.9686, 36.0142,
40.3569

■ 79.1304, 91.9057,
103.0691

■ 38.9066, 29.8151,
33.0689

■ 80.1049, 92.2955,
108.2006

■ 35.5313, 24.7745,
26.6716

■ 32.8022, 20.8194,
21.1284

■ 30.6747, 17.8681,
16.4003

■ 29.0980, 15.8273,
12.4445

■ 28.0120, 14.5859,
9.2133

Harmonies

Analogous

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



59.5311, 62.2029, 68.5993



59.6283, 62.2029, 67.8951



59.5895, 62.2029, 67.1513

Triad

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



59.6283, 62.2029, 67.8951



58.9202, 62.2029, 66.4017



58.8197, 62.2029, 68.9040

Complementary

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



59.6283, 62.2029, 67.8951



59.6416, 63.2785, 68.7482

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.



58.6569, 62.2029, 68.3087



59.6283, 62.2029, 67.8951



58.7148, 62.2029, 66.8649

Square

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



59.6283, 62.2029, 67.8951



59.1802, 62.2029, 66.2927



58.6186, 62.2029, 67.5619



59.0638, 62.2029, 69.1846

Rectangle

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



59.6283, 62.2029, 67.8951



59.4918, 62.2029, 66.7327



58.6186, 62.2029, 67.5619



58.7537, 62.2029, 68.7339

Sweetspot

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



59.6301, 62.2056, 67.8965

95.0500, 100.0000, 108.9000



59.5945, 62.1588, 69.1794



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.6301, 62.2056, 67.8965



92.9013, 96.5718, 105.5040



59.6290, 62.3978, 67.2969



13.0255, 13.5517, 14.8018



16.9255, 8.6430, 4.5137



0.9829, 0.4979, 0.4446

Inverse Universe

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



59.6301, 62.2056, 67.8965



92.9013, 96.5718, 105.5040



59.6422, 63.0830, 69.3553



13.0255, 13.5517, 14.8018



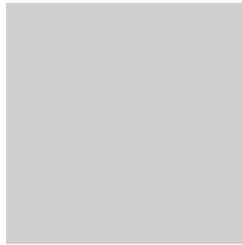
16.9255, 8.6430, 4.5137



0.9829, 0.4979, 0.4446

Previews

White Background



This preview shows how the XYZ color 59.6283, 62.2029, 67.8951 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 59.6283, 62.2029, 67.8951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

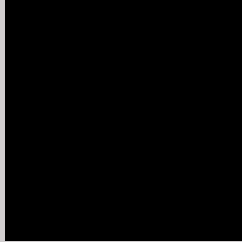
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

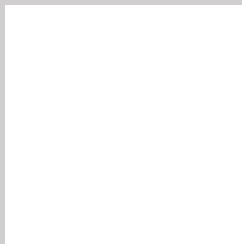
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6283, 62.2029, 67.8951

Background



This preview shows how black text looks on a background with the XYZ color 59.6283, 62.2029, 67.8951.

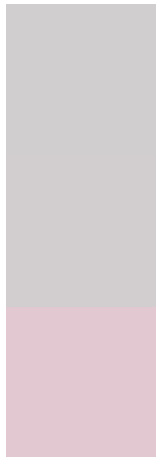


This preview shows how white text looks on a background with the XYZ color 59.6283, 62.2029,

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

59.6283, 62.2029, 67.8951

Protanopia

59.9121, 62.3492, 67.9084

Deuteranopia

63.4035, 62.0314, 68.3060



Tritanopia

61.3751, 62.2019, 76.4815

Trichromacy



Original Color

59.6283, 62.2029, 67.8951

Protanomaly

59.9121, 62.3492, 67.9084

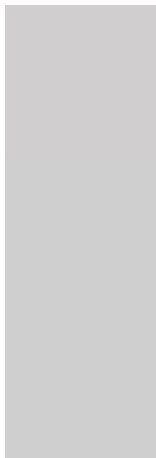
Deuteranomaly

62.0209, 62.0108, 68.3749

Tritanomaly

60.6754, 62.2706, 73.1115

Monochromacy



Original Color

59.6283, 62.2029, 67.8951

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.5877, 62.5405, 67.9624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6283, 62.2029, 67.8951 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(209, 206, 207) looks like.

```
.text, #text, p{  
    color:rgb(209, 206, 207)  
}
```

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(209, 206, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 206, 207) }
```

Border

The CSS property to change the border of an element to XYZ 59.6283, 62.2029, 67.8951 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(209, 206, 207) }
```

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

```
.border{ border-color:rgb(209, 206, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 206, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 206, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 206, 207);  
box-shadow:4px 4px 4px 4px rgb(209, 206,  
207) }
```


Background

The CSS property to change the background color of an element to XYZ 59.6283, 62.2029, 67.8951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 206, 207) }
```

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

```
.background{ background-color: rgb(209,  
206, 207) }
```

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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