

Converting Colors

XYZ(59.3460, 62.1823, 67.8495)

Have a look what the booklet for
XYZ(59.3460, 62.1823, 67.8495)
contains.

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Color

**XYZ(59.3462, 62.0575,
67.8819)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CECF
RGB	208, 206, 207
RGB Percent	82%, 81%, 81%
CMY	0.1843, 0.1921, 0.1882
CMYK	0.00, 0.01, 0.00, 0.18
HSL	330°, 2%, 81%
HSV	330°, 1%, 82%
XYZ	59.3462, 62.0575, 67.8819
YIQ	206.7120, 0.8710, 0.7350

Conversions

Conversions Part 2

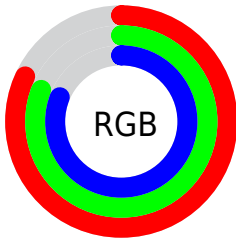
Format	Color
RYP	208, 206, 207
Decimal	13684431
CIELab	82.94, 0.87, -0.26
CIElCh	83, 0.910, 343.269
Yxy	62.0575, 0.3135, 0.3279
Android (android.graphics.Color)	4291874511 (0xFFD0CECF)
YUV	206.7120, 0.1420, 1.1296
Hunter-Lab	78.7766, -3.3864, 4.0533

Details

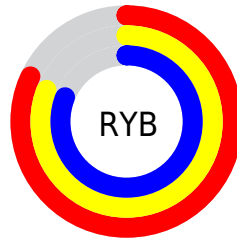
The XYZ color **59.3462, 62.0575, 67.8819** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.2743, 62.7401, 68.0206**, and the grayscale version is **59.1231, 62.2021, 67.7381**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.3044, 31.6264, 34.6443** is the 20% darker color. If you saturate the color by 10%, you get **53.4350, 52.2059, 59.8340**, and if you desaturate by 10%, it is **66.0076, 73.2733, 76.5961**.

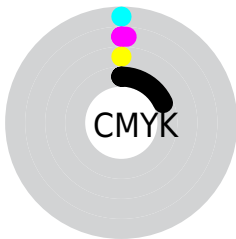
Distribution



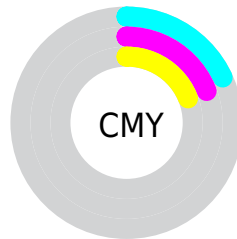
- Red (82%)
- Green (81%)
- Blue (81%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3462, 62.0575, 67.8819 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 59.3462, 62.0575, 67.8819 by changing the saturation by 10% instead.

■ 59.3462, 62.0575,
67.8819

■ 59.3462, 62.0575,
67.8819

412.0571,
432.1408, 471.6642

■ 43.1393, 45.0792,
49.3356

102.9924,
107.8086, 117.8358

■ 30.1894, 31.5198,
34.5183

131.1625,
137.3502, 150.0804

■ 20.1312, 20.9950,
23.0115

164.0509,
171.8483, 187.7283

■ 12.5993, 13.1203,
14.3966

202.0232,
211.6874, 231.1978

■ 7.2283, 7.5115,
8.2551

245.4446,
257.2518, 280.9077

■ 3.6529, 3.7840,
4.1685

294.6805,

■ 1.5077, 1.5535,

308.9259, 337.2763

1.7182

350.0962,
367.0941, 400.7223

■ 0.3311, 0.3259,
0.3732

■ 0.0000, 0.0000,
0.0000

■ 59.3462, 62.0575,
67.8819

■ 59.3462, 62.0575,
67.8819

■ 53.4350, 52.2059,
59.8340

■ 66.0076, 73.2733,
76.5961

■ 48.2414, 43.6583,
52.4313

■ 73.4399, 85.8948,
85.9888

■ 43.7378, 36.3617,
45.6571

■ 77.2428, 91.1181,
94.6016

■ 39.8932, 30.2562,
39.4927

■ 78.8206, 91.7492,
102.9099

■ 36.6737, 25.2773,
33.9181

■ 79.8228, 92.1501,
108.1874

■ 34.0424, 21.3541,
28.9119

■ 31.9584, 18.4077,
24.4512

■ 30.3749, 16.3477,
20.5106

■ 29.2366, 15.0669,
17.0616

Harmonies

Analogous

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



59.2430, 62.0575, 68.3607



59.3462, 62.0575, 67.8819



59.3521, 62.0575, 67.3221

Triad

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



59.3462, 62.0575, 67.8819



58.8972, 62.0575, 66.5228



58.7092, 62.0575, 68.3141

Complementary

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



59.3462, 62.0575, 67.8819



59.2743, 62.7401, 68.0206

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.



58.6170, 62.0575, 67.8186



59.3462, 62.0575, 67.8819



58.7253, 62.0575, 66.7856

Square

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



59.3462, 62.0575, 67.8819



59.0926, 62.0575, 66.5396



58.6229, 62.0575, 67.2592



58.8751, 62.0575, 68.6112

Rectangle

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



59.3462, 62.0575, 67.8819



59.3001, 62.0575, 66.9785



58.6229, 62.0575, 67.2592



58.6686, 62.0575, 68.1651

Sweetspot

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



59.3480, 62.0602, 67.8833

95.0500, 100.0000, 108.9000



59.1908, 61.9650, 68.5161



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.



59.3480, 62.0602, 67.8833



94.0369, 98.3018, 107.5513



59.2265, 62.0116, 67.2436



13.1736, 13.7773, 15.0687



17.8129, 8.9980, 9.1869



1.0360, 0.5191, 0.7246

Inverse Universe

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



59.3480, 62.0602, 67.8833



94.0369, 98.3018, 107.5513



59.3965, 62.7890, 68.6643



13.1736, 13.7773, 15.0687



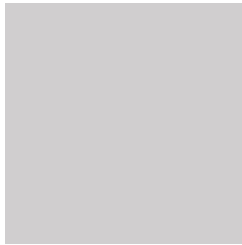
17.8129, 8.9980, 9.1869



1.0360, 0.5191, 0.7246

Previews

White Background



This preview shows how the XYZ color 59.3462, 62.0575, 67.8819 looks on a white background.

Color Contrast Check

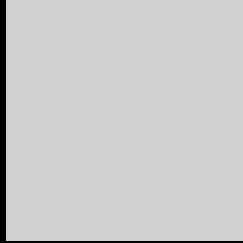
Large Text (above 18pt) WCAG AA × Fail

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 59.3462, 62.0575, 67.8819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

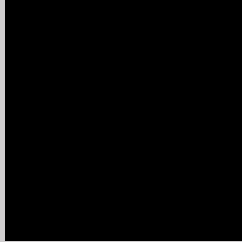
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

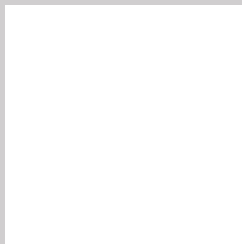
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.3462, 62.0575, 67.8819

Background



This preview shows how black text looks on a background with the XYZ color 59.3462, 62.0575, 67.8819.

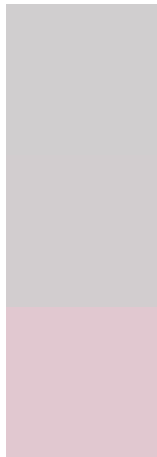


This preview shows how white text looks on a background with the XYZ color 59.3462, 62.0575, 67.8819.

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

59.3462, 62.0575, 67.8819

Protanopia

59.6721, 61.8693, 67.8284

Deuteranopia

63.0908, 61.8702, 68.2914



Tritanopia

61.0895, 62.0547, 76.4681

Trichromacy



Original Color

59.3462, 62.0575, 67.8819

Protanomaly

59.3883, 61.7229, 67.8151

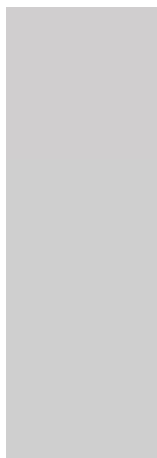
Deuteranomaly

61.7191, 61.8552, 68.3608

Tritanomaly

60.3916, 62.1242, 73.0982

Monochromacy



Original Color

59.3462, 62.0575, 67.8819

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.3074, 62.3960, 67.9493

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3462, 62.0575, 67.8819 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(208, 206, 207) looks like.

```
.text, #text, p{  
    color:rgb(208, 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(208, 206, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 206, 207) }
```

Border

The CSS property to change the border of an element to XYZ 59.3462, 62.0575, 67.8819 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(208, 206, 207) }
```

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

```
.border{ border-color:rgb(208, 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(208, 206, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 206, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 206, 207);  
box-shadow:4px 4px 4px 4px rgb(208, 206,  
207) }
```


Background

The CSS property to change the background color of an element to XYZ 59.3462, 62.0575, 67.8819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 206, 207) }
```

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

```
.background{ background-color: rgb(208,  
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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