

Converting Colors

XYZ(58.7093, 62.8758, 69.1337)

Have a look what the booklet for
XYZ(58.7093, 62.8758, 69.1337)
contains.

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Color

**XYZ(58.6662, 62.7609,
69.3436)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD1D1
RGB	202, 209, 209
RGB Percent	79%, 82%, 82%
CMY	0.2078, 0.1804, 0.1804
CMYK	0.03, 0.00, 0.00, 0.18
HSL	180°, 7%, 81%
HSV	180°, 3%, 82%
XYZ	58.6662, 62.7609, 69.3436
YIQ	206.9070, -4.1720, -1.4840

Conversions

Conversions Part 2

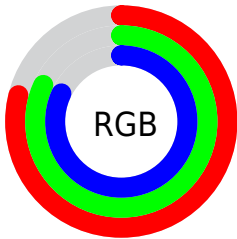
Format	Color
R _Y B	202, 206, 209
Decimal	13291985
CIE Lab	83.32, -2.37, -0.84
CIE LCh	83, 2.516, 199.447
Yxy	62.7609, 0.3075, 0.3290
Android (android.graphics.Color)	4291482065 (0xFFCAD1D1)
YUV	206.9070, 1.0318, -4.3034
Hunter-Lab	79.2218, -6.4533, 3.5581

Details

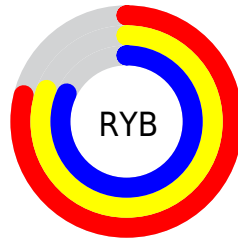
The XYZ color **58.6662, 62.7609, 69.3436** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.0780, 60.0623, 64.4123**, and the grayscale version is **59.2453, 62.3306, 67.8781**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.8505, 32.1051, 35.6340** is the 20% darker color. If you saturate the color by 10%, you get **53.3890, 60.0423, 69.0914**, and if you desaturate by 10%, it is **64.7129, 65.8797, 69.6344**.

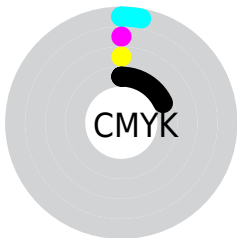
Distribution



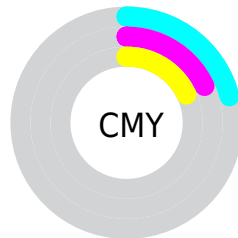
- Red (79%)
- Green (82%)
- Blue (82%)



- Red (79%)
- Yellow (81%)
- Blue (82%)



- Cyan (3%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6662, 62.7609, 69.3436 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 58.6662, 62.7609, 69.3436 by changing the saturation by 10% instead.

■ 58.6662, 62.7609,
69.3436

■ 58.6662, 62.7609,
69.3436

409.5777,
434.7012, 476.9686

■ 42.5898, 45.6478,
50.5181

102.0098,
108.8245, 119.9445

■ 29.7565, 31.9680,
35.4512

130.0077,
138.5438, 152.5570

■ 19.8010, 21.3370,
23.7243

162.7101,
173.2339, 190.6023

■ 12.3579, 13.3706,
14.9189

200.4824,
213.2793, 234.4988

■ 7.0618, 7.6842,
8.6165

243.6900,
259.0643, 284.6652

■ 3.5475, 3.8936,
4.3985

292.6981,

■ 1.4495, 1.6142,

310.9734, 341.5199

1.8464

347.8723,
369.3909, 405.4815

■ 0.2911, 0.3671,
0.4583

■ 0.0000, 0.0000,
0.0000

■ 58.6662, 62.7609,
69.3436

■ 58.6662, 62.7609,
69.3436

■ 53.3890, 60.0423,
69.0914

■ 64.7129, 65.8797,
69.6344

■ 48.8453, 57.7001,
68.8723

■ 71.5527, 69.4056,
69.9609

■ 45.0044, 55.7201,
68.6861

■ 75.5542, 71.4683,
70.1547

■ 41.8311, 54.0844,
68.5311

■ 75.5554, 71.4688,
70.1612

■ 39.2874, 52.7732,
68.4056

■ 75.5567, 71.4693,
70.1678

■ 37.3313, 51.7650,
68.3076

■ 75.5579, 71.4698,
70.1743

■ 35.9158, 51.0354,
68.2348

■ 75.5591, 71.4703,
70.1809

■ 34.9868, 50.5566,
68.1849

■ 75.5604, 71.4708,
70.1874

■ 34.4788, 50.2949,
68.1546

■ 75.5616, 71.4713,
70.1939

Harmonies

Analogous

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



58.6245, 62.7609, 67.7858



58.6662, 62.7609, 69.3436



58.9712, 62.7609, 70.6500

Triad

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



58.6662, 62.7609, 69.3436



60.4550, 62.7609, 70.3128



59.8452, 62.7609, 65.4176

Complementary

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



58.6662, 62.7609, 69.3436



58.0780, 60.0623, 64.4123

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.



60.3387, 62.7609, 66.0730



58.6662, 62.7609, 69.3436



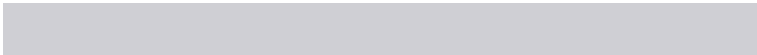
60.6922, 62.7609, 68.8890

Square

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



58.6662, 62.7609, 69.3436



60.0032, 62.7609, 71.2154



60.6495, 62.7609, 67.3381



59.3029, 62.7609, 65.5351

Rectangle

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



58.6662, 62.7609, 69.3436



59.2839, 62.7609, 71.1950



60.6495, 62.7609, 67.3381



60.0223, 62.7609, 65.5545

Sweetspot

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



58.6680, 62.7636, 69.3450



94.1179, 99.5195, 108.8553



57.8516, 62.4407, 64.8812



20.1549, 21.3063, 23.3000



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.



58.6680, 62.7636, 69.3450



91.3957, 98.1162, 108.7249



57.8467, 61.1203, 69.0733



12.7134, 13.6932, 15.2160



21.1464, 30.9515, 42.0127



1.1825, 1.7306, 2.3495

Inverse Universe

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



58.0780, 60.0623, 64.4123



90.2836, 93.0245, 99.4272



58.8806, 61.6681, 64.6779



12.5331, 12.8681, 13.7092



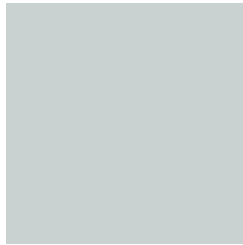
16.2128, 8.3580, 0.7611



0.9066, 0.4674, 0.0430

Previews

White Background



This preview shows how the XYZ color 58.6662, 62.7609, 69.3436 looks on a white background.

Color Contrast Check

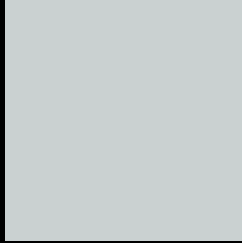
Large Text (above 18pt) WCAG AA × Fail

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 58.6662, 62.7609, 69.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

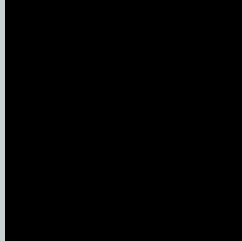
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

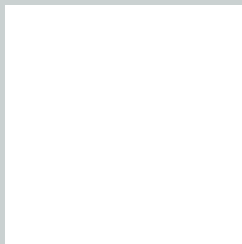
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.6662, 62.7609, 69.3436

Background



This preview shows how black text looks on a background with the XYZ color 58.6662, 62.7609, 69.3436.

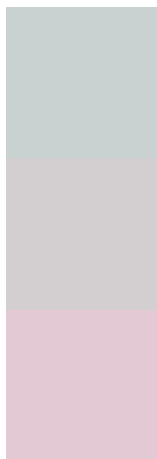


This preview shows how white text looks on a background with the XYZ color 58.6662, 62.7609,

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

58.6662, 62.7609, 69.3436

Protanopia

60.1978, 62.4965, 67.9218

Deuteranopia

64.0085, 62.6452, 70.3461



Tritanopia

60.5339, 62.7907, 78.7414

Trichromacy



Original Color

58.6662, 62.7609, 69.3436

Protanomaly

59.7104, 62.5896, 68.6084

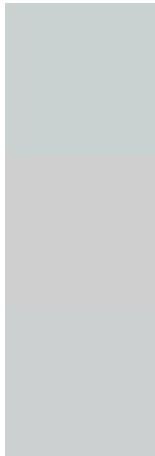
Deuteranomaly

61.8410, 62.5906, 69.7946

Tritanomaly

59.8394, 62.8702, 75.3110

Monochromacy



Original Color

58.6662, 62.7609, 69.3436

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.1179, 62.6450, 68.6503

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6662, 62.7609, 69.3436 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(202, 209, 209) looks like.

```
.text, #text, p{  
    color:rgb(202, 209, 209)  
}
```

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(202, 209, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 209, 209) }
```

Border

The CSS property to change the border of an element to XYZ 58.6662, 62.7609, 69.3436 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(202, 209, 209) }
```


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

```
.border{ border-color:rgb(202, 209, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 209, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 209, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 209, 209);  
box-shadow:4px 4px 4px 4px rgb(202, 209,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6662, 62.7609, 69.3436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 209, 209) }
```

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

```
.background{ background-color: rgb(202,  
209, 209) }
```

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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