

Converting Colors

XYZ(58.8252, 62.7261, 69.3935)

Have a look what the booklet for
XYZ(58.8252, 62.7261, 69.3935)
contains.

XYZ(58.9377, 62.9009, 69.3563)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.9377, 62.9009,
69.3563)**

Conversions

Conversions Part 1

Format	Color
Hex	CBD1D1
RGB	203, 209, 209
RGB Percent	80%, 82%, 82%
CMY	0.2039, 0.1804, 0.1804
CMYK	0.03, 0.00, 0.00, 0.18
HSL	180°, 6%, 81%
HSV	180°, 3%, 82%
XYZ	58.9377, 62.9009, 69.3563
YIQ	207.2060, -3.5760, -1.2720

Conversions

Conversions Part 2

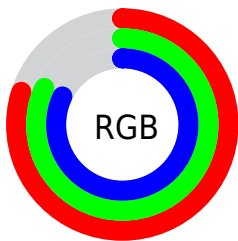
Format	Color
R_{YB}	203, 206, 209
Decimal	13357521
CIE Lab	83.39, -2.03, -0.72
CIE LCh	83, 2.158, 199.509
Yxy	62.9009, 0.3083, 0.3290
Android (android.graphics.Color)	4291547601 (0xFFCBD1D1)
YUV	207.2060, 0.8844, -3.6887
Hunter-Lab	79.3101, -6.1440, 3.6682

Details

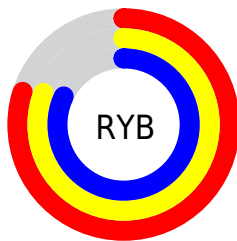
The XYZ color **58.9377, 62.9009, 69.3563** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.4323, 60.5807, 65.1166**, and the grayscale version is **59.4386, 62.5340, 68.0995**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.0322, 32.1988, 35.6425** is the 20% darker color. If you saturate the color by 10%, you get **53.6242, 60.1636, 69.1011**, and if you desaturate by 10%, it is **65.0221, 66.0391, 69.6502**.

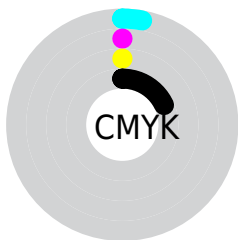
Distribution



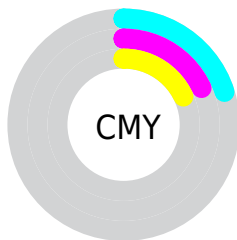
- Red (80%)
- Green (82%)
- Blue (82%)



- Red (80%)
- Yellow (81%)
- Blue (82%)



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



- Cyan (20%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9377, 62.9009, 69.3563 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 58.9377, 62.9009, 69.3563 by changing the saturation by 10% instead.

■ 58.9377, 62.9009,
69.3563

■ 58.9377, 62.9009,
69.3563

410.5688,
435.2097, 477.0145

■ 42.8091, 45.7610,
50.5284

102.4023,
109.0265, 119.9628

■ 29.9293, 32.0573,
35.4593

130.4690,
138.7811, 152.5785

■ 19.9327, 21.4053,
23.7305

163.2458,
173.5093, 190.6272

■ 12.4541, 13.4206,
14.9235

201.0981,
213.5957, 234.5274

■ 7.1281, 7.7188,
8.6197

244.3911,
259.4245, 284.6977

■ 3.5894, 3.9155,
4.4005

293.4904,

■ 1.4726, 1.6264,

311.3802, 341.5567

1.8476

348.7611,
369.8471, 405.5227

■ 0.3071, 0.3753,
0.4591

■ 0.0000, 0.0000,
0.0000

■ 58.9377, 62.9009,
69.3563

■ 58.9377, 62.9009,
69.3563

■ 53.6242, 60.1636,
69.1011

■ 65.0221, 66.0391,
69.6502

■ 49.0458, 57.8036,
68.8789

■ 71.9008, 69.5850,
69.9800

■ 45.1718, 55.8066,
68.6897

■ 75.5550, 71.4687,
70.1589

■ 41.9671, 54.1547,
68.5319

■ 75.5565, 71.4693,
70.1669

■ 39.3940, 52.8284,
68.4036

■ 75.5580, 71.4699,
70.1748

■ 37.4105, 51.8060,
68.3029

■ 75.5595, 71.4705,
70.1828

■ 35.9701, 51.0636,
68.2276

■ 75.5610, 71.4711,
70.1907

■ 35.0189, 50.5735,
68.1752

■ 75.5625, 71.4717,
70.1987

■ 34.4922, 50.3021,
68.1427

■ 75.5641, 71.4723,
70.2066

Harmonies

Analogous

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



58.9013, 62.9009, 68.0183



58.9377, 62.9009, 69.3563



59.2006, 62.9009, 70.4755

Triad

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



58.9377, 62.9009, 69.3563



60.4753, 62.9009, 70.1826



59.9501, 62.9009, 65.9751

Complementary

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



58.9377, 62.9009, 69.3563



58.4323, 60.5807, 65.1166

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.



60.3741, 62.9009, 66.5390



58.9377, 62.9009, 69.3563



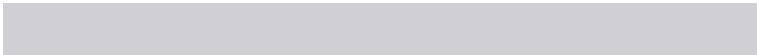
60.6784, 62.9009, 68.9607

Square

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



58.9377, 62.9009, 69.3563



60.0877, 62.9009, 70.9568



60.6412, 62.9009, 67.6277



59.4841, 62.9009, 66.0779

Rectangle

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



58.9377, 62.9009, 69.3563



59.4697, 62.9009, 70.9413



60.6412, 62.9009, 67.6277



60.1023, 62.9009, 66.0927

Sweetspot

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



58.9395, 62.9036, 69.3577



94.1178, 99.5195, 108.8551



58.2376, 62.6260, 65.5194



20.1549, 21.3063, 23.2999



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.



58.9395, 62.9036, 69.3577



92.2906, 98.5776, 108.7671



58.2344, 61.4928, 69.1248



12.8288, 13.7527, 15.2214



21.1448, 30.9509, 42.0041



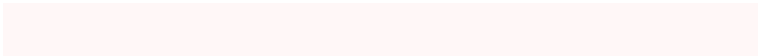
1.1824, 1.7306, 2.3491

Inverse Universe

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



58.4323, 60.5807, 65.1166



91.4512, 94.7331, 101.7481



59.1236, 61.9639, 65.3450



12.6838, 13.0885, 14.0086



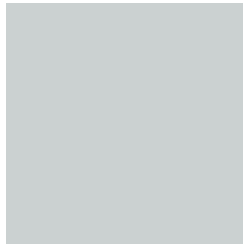
16.2129, 8.3580, 0.7616



0.9066, 0.4674, 0.0431

Previews

White Background



This preview shows how the XYZ color 58.9377, 62.9009, 69.3563 looks on a white background.

Color Contrast Check

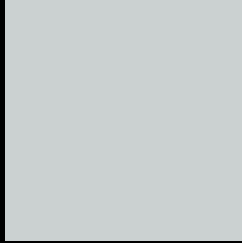
Large Text (above 18pt) WCAG AA × Fail

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 58.9377, 62.9009, 69.3563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

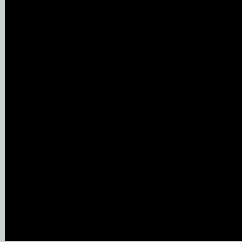
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

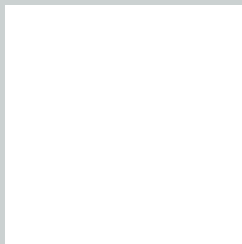
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.9377, 62.9009, 69.3563

Background



This preview shows how black text looks on a background with the XYZ color 58.9377, 62.9009, 69.3563.

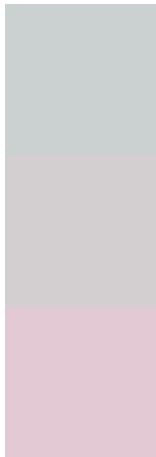


This preview shows how white text looks on a background with the XYZ color 58.9377, 62.9009,

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

58.9377, 62.9009, 69.3563

Protanopia

60.5620, 63.0286, 68.6483

Deuteranopia

64.0085, 62.6452, 70.3461



Tritanopia

60.8089, 62.9325, 78.7542

Trichromacy



Original Color

58.9377, 62.9009, 69.3563

Protanomaly

59.9535, 63.0757, 68.6895

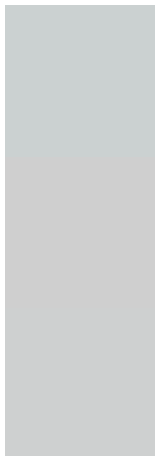
Deuteranomaly

62.1392, 62.7443, 69.8085

Tritanomaly

60.1126, 63.0111, 75.3237

Monochromacy



Original Color

58.9377, 62.9009, 69.3563

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.3946, 62.7876, 68.6633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9377, 62.9009, 69.3563 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(203, 209, 209) looks like.

```
.text, #text, p{  
    color:rgb(203, 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(203, 209, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 209, 209) }
```

Border

The CSS property to change the border of an element to XYZ 58.9377, 62.9009, 69.3563 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(203, 209, 209) }
```


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

```
.border{ border-color:rgb(203, 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(203, 209, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 209, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 209, 209);  
box-shadow:4px 4px 4px 4px rgb(203, 209,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9377, 62.9009, 69.3563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 209, 209) }
```

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

```
.background{ background-color: rgb(203,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor