

Converting Colors

XYZ(58.3882, 62.2317, 69.5673)

Have a look what the booklet for
XYZ(58.3882, 62.2317, 69.5673)
contains.

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Color

**XYZ(58.4216, 62.2718,
69.2621)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD0D1
RGB	202, 208, 209
RGB Percent	79%, 82%, 82%
CMY	0.2078, 0.1843, 0.1804
CMYK	0.03, 0.00, 0.00, 0.18
HSL	189°, 7%, 81%
HSV	189°, 3%, 82%
XYZ	58.4216, 62.2718, 69.2621
YIQ	206.3200, -3.8970, -0.9610

Conversions

Conversions Part 2

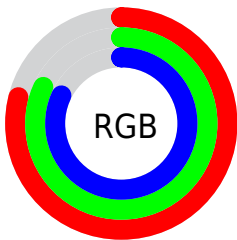
Format	Color
R_{YB}	202, 205, 209
Decimal	13291729
CIE Lab	83.06, -1.85, -1.22
CIE LCh	83, 2.214, 213.323
Yxy	62.2718, 0.3076, 0.3278
Android (android.graphics.Color)	4291481809 (0xFFCAD0D1)
YUV	206.3200, 1.3212, -3.7886
Hunter-Lab	78.9125, -5.9472, 3.1994

Details

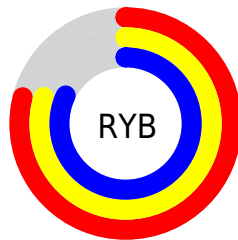
The XYZ color **58.4216, 62.2718, 69.2621** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3111, 60.5307, 64.4882**, and the grayscale version is **58.8663, 61.9319, 67.4439**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.6847, 31.7737, 35.5787** is the 20% darker color. If you saturate the color by 10%, you get **52.4271, 58.1165, 68.7769**, and if you desaturate by 10%, it is **65.1992, 66.8545, 69.7904**.

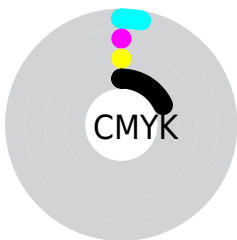
Distribution



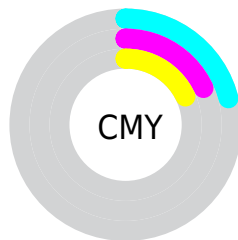
- Red (79%)
- Green (82%)
- Blue (82%)



- Red (79%)
- Yellow (80%)
- 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 58.4216, 62.2718, 69.2621 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 58.4216, 62.2718, 69.2621 by changing the saturation by 10% instead.

■ 58.4216, 62.2718,
69.2621

■ 58.4216, 62.2718,
69.2621

408.6837,
432.9218, 476.6738

■ 42.3923, 45.2524,
50.4521

101.6560,
108.1183, 119.8271

■ 29.6010, 31.6562,
35.3991

129.5918,
137.7141, 152.4192

■ 19.6825, 21.0991,
23.6844

162.2270,
172.2708, 190.4423

■ 12.2714, 13.1964,
14.8897

199.9272,
212.1728, 234.3152

■ 7.0023, 7.5640,
8.5962

243.0576,
257.8045, 284.4562

■ 3.5099, 3.8172,
4.3856

291.9835,

■ 1.4288, 1.5719,

309.5503, 341.2839

1.8392

347.0705,
367.7946, 405.2170

■ 0.2766, 0.3385,
0.4536

■ 0.0000, 0.0000,
0.0000

■ 58.4216, 62.2718,
69.2621

■ 58.4216, 62.2718,
69.2621

■ 52.4271, 58.1165,
68.7769

■ 65.1992, 66.8545,
69.7904

■ 47.1797, 54.3647,
68.3293

■ 72.7834, 71.8715,
70.3590

■ 42.6484, 51.0021,
67.9191

■ 77.5436, 75.4532,
70.7995

■ 38.7982, 48.0104,
67.5446

■ 78.3171, 77.0001,
71.0573

■ 35.5908, 45.3699,
67.2040

■ 79.1044, 78.5748,
71.3197

■ 32.9843, 43.0588,
66.8953

■ 79.9058, 80.1775,
71.5868

■ 30.9315, 41.0527,
66.6162

■ 80.7211, 81.8082,
71.8586

■ 29.3783, 39.3235,
66.3643

■ 81.5506, 83.4671,
72.1351

■ 28.2590, 37.8374,
66.1365

■ 82.3942, 85.1544,
72.4163

Harmonies

Analogous

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



58.2732, 62.2718, 67.9564



58.4216, 62.2718, 69.2621



58.7752, 62.2718, 70.1866

Triad

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



58.4216, 62.2718, 69.2621



60.0139, 62.2718, 68.9939



59.1341, 62.2718, 65.2053

Complementary

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



58.4216, 62.2718, 69.2621



58.3111, 60.5307, 64.4882

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.



59.6017, 62.2718, 65.4748



58.4216, 62.2718, 69.2621



60.1113, 62.2718, 67.6507

Square

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



58.4216, 62.2718, 69.2621



59.6946, 62.2718, 70.0303



59.9600, 62.2718, 66.3653



58.6832, 62.2718, 65.6242

Rectangle

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



58.4216, 62.2718, 69.2621



59.0805, 62.2718, 70.4558



59.9600, 62.2718, 66.3653



59.2946, 62.2718, 65.2184

Sweetspot

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



58.4234, 62.2745, 69.2635



94.0024, 99.2882, 108.8178



57.9300, 62.4671, 65.4632



20.1314, 21.2593, 23.2924



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.



58.4234, 62.2745, 69.2635



90.9350, 97.1936, 108.5752



57.5944, 60.6165, 68.9871



12.6384, 13.5431, 15.1916



17.1212, 22.8891, 40.7081



0.9976, 1.3603, 2.2896

Inverse Universe

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



58.8015, 60.3515, 68.2276



91.6490, 93.5707, 106.6175



59.1318, 62.1721, 64.7618



12.7543, 12.9565, 14.8737



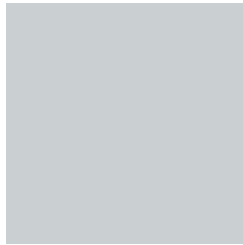
21.2727, 10.3819, 27.4061



1.2098, 0.5886, 1.6394

Previews

White Background



This preview shows how the XYZ color 58.4216, 62.2718, 69.2621 looks on a white background.

Color Contrast Check

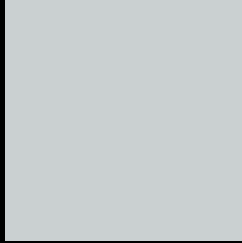
Large Text (above 18pt) WCAG AA × Fail

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 58.4216, 62.2718, 69.2621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

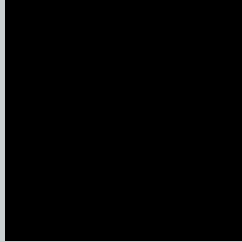
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

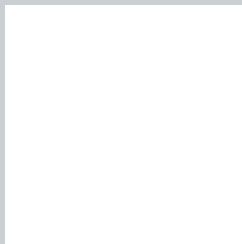
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.4216, 62.2718, 69.2621

Background



This preview shows how black text looks on a background with the XYZ color 58.4216, 62.2718, 69.2621.

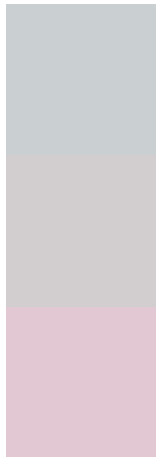


This preview shows how white text looks on a background with the XYZ color 58.4216, 62.2718,

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

58.4216, 62.2718, 69.2621

Protanopia

60.0348, 62.3983, 68.5544

Deuteranopia

63.4635, 62.0193, 70.2540



Tritanopia

60.1580, 62.2539, 77.9528

Trichromacy



Original Color

58.4216, 62.2718, 69.2621

Protanomaly

59.4301, 62.4451, 68.5953

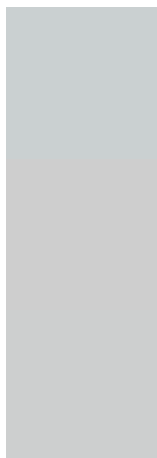
Deuteranomaly

61.6041, 62.1167, 69.7156

Tritanomaly

59.4658, 62.3319, 74.5427

Monochromacy



Original Color

58.4216, 62.2718, 69.2621

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.7521, 62.1098, 67.9233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4216, 62.2718, 69.2621 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, 208, 209) looks like.

```
.text, #text, p{  
    color:rgb(202, 208, 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, 208, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 208, 209) }
```

Border

The CSS property to change the border of an element to XYZ 58.4216, 62.2718, 69.2621 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, 208, 209) }
```


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

```
.border{ border-color:rgb(202, 208, 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, 208, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 208, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 208, 209);  
box-shadow:4px 4px 4px 4px rgb(202, 208,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4216, 62.2718, 69.2621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 208, 209) }
```

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

```
.background{ background-color: rgb(202,  
208, 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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