

Converting Colors

XYZ(59.1535, 62.6759, 69.7005)

Have a look what the booklet for
XYZ(59.1535, 62.6759, 69.7005)
contains.

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Color

**XYZ(59.0906, 62.6023,
69.9418)**

Conversions

Conversions Part 1

Format	Color
Hex	CCD0D2
RGB	204, 208, 210
RGB Percent	80%, 82%, 82%
CMY	0.2000, 0.1843, 0.1765
CMYK	0.03, 0.01, 0.00, 0.18
HSL	200°, 6%, 81%
HSV	200°, 3%, 82%
XYZ	59.0906, 62.6023, 69.9418
YIQ	207.0320, -3.0260, -0.2260

Conversions

Conversions Part 2

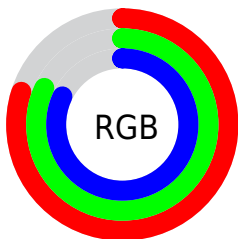
Format	Color
RYB	204, 206, 210
Decimal	13422802
CIELab	83.23, -0.99, -1.48
CIElCh	83, 1.775, 236.214
Yxy	62.6023, 0.3084, 0.3267
Android (android.graphics.Color)	4291612882 (0xFFCCD0D2)
YUV	207.0320, 1.4632, -2.6591
Hunter-Lab	79.1216, -5.1532, 2.9741

Details

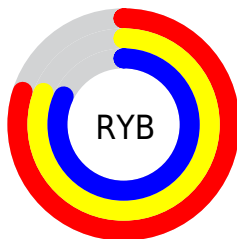
The XYZ color **59.0906, 62.6023, 69.9418** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5488, 62.2032, 65.9956**, and the grayscale version is **59.3226, 62.4120, 67.9667**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.1340, 31.9955, 36.0400** is the 20% darker color. If you saturate the color by 10%, you get **52.0524, 56.5019, 69.1362**, and if you desaturate by 10%, it is **66.9835, 69.2582, 70.8115**.

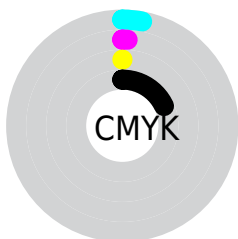
Distribution



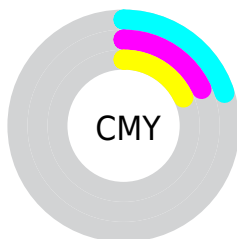
- Red (80%)
- Green (82%)
- Blue (82%)



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



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0906, 62.6023, 69.9418 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 59.0906, 62.6023, 69.9418 by changing the saturation by 10% instead.

■ 59.0906, 62.6023,
69.9418

■ 59.0906, 62.6023,
69.9418

411.1262,
434.1247, 479.1292

■ 42.9327, 45.5195,
51.0026

102.6232,
108.5955, 120.8061

■ 30.0266, 31.8669,
35.8339

130.7286,
138.2748, 153.5682

■ 20.0070, 21.2598,
24.0173

163.5473,
172.9218, 191.7751

■ 12.5084, 13.3141,
15.1341

201.4445,
212.9207, 235.8452

■ 7.1656, 7.6452,
8.7659

244.7856,
258.6561, 286.1972

■ 3.6131, 3.8687,
4.4941

293.9361,

■ 1.4857, 1.6004,

310.5123, 343.2495

1.9001

349.2612,
368.8737, 407.4206

■ 0.3161, 0.3579,
0.4928

■ 0.0000, 0.0000,
0.0000

■ 59.0906, 62.6023,
69.9418

■ 59.0906, 62.6023,
69.9418

■ 52.0524, 56.5019,
69.1362

■ 66.9835, 69.2582,
70.8115

■ 45.8319, 50.9313,
68.3888

■ 75.7558, 76.4786,
71.7428

■ 40.3969, 45.8743,
67.6992

■ 80.8836, 81.9344,
72.5256

■ 35.7110, 41.3105,
67.0653

■ 82.8559, 85.8790,
73.1830

■ 31.7349, 37.2183,
66.4849

■ 84.9069, 89.9810,
73.8667

■ 28.4254, 33.5737,
65.9559

■ 87.0375, 94.2422,
74.5769

■ 25.7340, 30.3504,
65.4756

■ 88.6330, 97.4332,
75.1087

■ 23.6054, 27.5180,
65.0411

■ 21.9729, 25.0406,
64.6489

Harmonies

Analogous

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



58.8395, 62.6023, 69.1047



59.0906, 62.6023, 69.9418



59.4527, 62.6023, 70.3022

Triad

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



59.0906, 62.6023, 69.9418



60.2439, 62.6023, 68.3035



59.1750, 62.6023, 66.2775

Complementary

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



59.0906, 62.6023, 69.9418



59.5488, 62.2032, 65.9956

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.



59.5505, 62.6023, 66.0681



59.0906, 62.6023, 69.9418



60.1687, 62.6023, 67.2304

Square

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



59.0906, 62.6023, 69.9418



60.1194, 62.6023, 69.3499



59.9145, 62.6023, 66.4151



58.8880, 62.6023, 66.9902

Rectangle

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



59.0906, 62.6023, 69.9418



59.7087, 62.6023, 70.2208



59.9145, 62.6023, 66.4151



59.2950, 62.6023, 66.1463

Sweetspot

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



59.0924, 62.6050, 69.9432



93.8480, 98.9794, 108.7664



59.0778, 63.3829, 67.4502



20.1000, 21.1964, 23.2819



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.



59.0924, 62.6050, 69.9432



91.4846, 96.9644, 108.5020



58.3909, 61.2020, 69.7093



12.6891, 13.4731, 15.1754



12.9230, 14.4925, 39.3087



0.7938, 0.9529, 2.2216

Inverse Universe

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



59.5578, 61.4426, 68.3983



92.2507, 95.0529, 105.9584



60.2543, 63.6141, 66.2307



12.8217, 13.1436, 14.7349



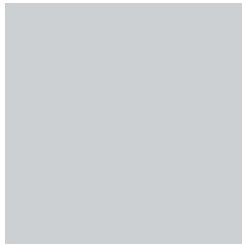
19.1536, 9.5343, 16.2471



1.1069, 0.5475, 1.0979

Previews

White Background



This preview shows how the XYZ color 59.0906, 62.6023, 69.9418 looks on a white background.

Color Contrast Check

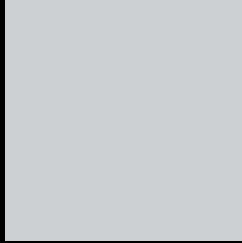
Large Text (above 18pt) WCAG AA × Fail

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 59.0906, 62.6023, 69.9418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

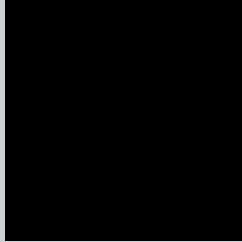
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

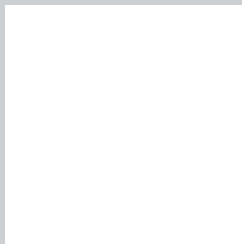
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.0906, 62.6023, 69.9418

Background



This preview shows how black text looks on a background with the XYZ color 59.0906, 62.6023, 69.9418.

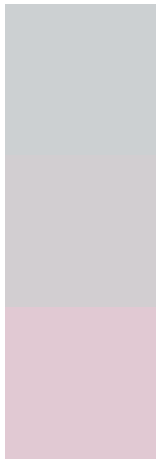


This preview shows how white text looks on a background with the XYZ color 59.0906, 62.6023,

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

59.0906, 62.6023, 69.9418

Protanopia

60.1583, 62.4477, 69.2045

Deuteranopia

63.6959, 62.4840, 70.3315



Tritanopia

60.7097, 62.5384, 77.9786

Trichromacy



Original Color

59.0906, 62.6023, 69.9418

Protanomaly

59.8339, 62.6390, 69.2586

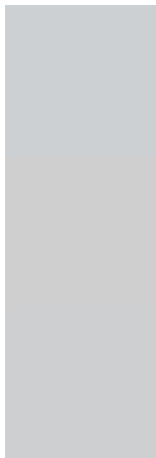
Deuteranomaly

61.9660, 62.6406, 70.4529

Tritanomaly

60.1446, 62.6667, 75.2556

Monochromacy



Original Color

59.0906, 62.6023, 69.9418

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.1516, 62.3015, 68.5823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0906, 62.6023, 69.9418 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(204, 208, 210) looks like.

```
.text, #text, p{  
    color:rgb(204, 208, 210)  
}
```

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(204, 208, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 208, 210) }
```

Border

The CSS property to change the border of an element to XYZ 59.0906, 62.6023, 69.9418 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(204, 208, 210) }
```


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

```
.border{ border-color:rgb(204, 208, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 208, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 208, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 208, 210);  
box-shadow:4px 4px 4px 4px rgb(204, 208,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0906, 62.6023, 69.9418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 208, 210) }
```

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

```
.background{ background-color: rgb(204,  
208, 210) }
```

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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