

Converting Colors

XYZ(59.0438, 62.9835, 75.6194)

Have a look what the booklet for
XYZ(59.0438, 62.9835, 75.6194)
contains.

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Color

**XYZ(59.0085, 62.8050,
75.3422)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D1DA
RGB	199, 209, 218
RGB Percent	78%, 82%, 85%
CMY	0.2196, 0.1804, 0.1451
CMYK	0.09, 0.04, 0.00, 0.15
HSL	208°, 20%, 82%
HSV	208°, 9%, 85%
XYZ	59.0085, 62.8050, 75.3422
YIQ	207.0360, -8.8490, 0.6790

Conversions

Conversions Part 2

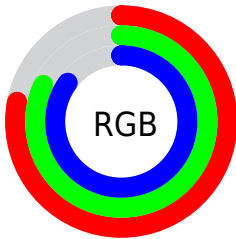
Format	Color
R_{YB}	199, 206, 218
Decimal	13095386
CIE Lab	83.34, -1.65, -5.62
CIE LCh	83, 5.859, 253.683
Yxy	62.8050, 0.2993, 0.3186
Android (android.graphics.Color)	4291285466 (0xFFC7D1DA)
YUV	207.0360, 5.4053, -7.0476
Hunter-Lab	79.2496, -5.7774, -0.8920

Details

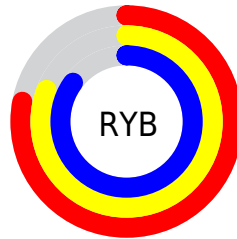
The XYZ color **59.0085, 62.8050, 75.3422** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7783, 64.1401, 63.1580**, and the grayscale version is **59.3032, 62.3916, 67.9445**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.0093, 32.1068, 39.2659** is the 20% darker color. If you saturate the color by 10%, you get **51.1828, 55.1336, 74.2749**, and if you desaturate by 10%, it is **67.8305, 71.2371, 76.5058**.

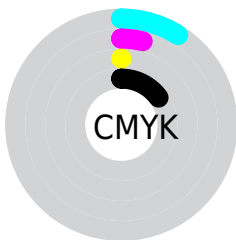
Distribution



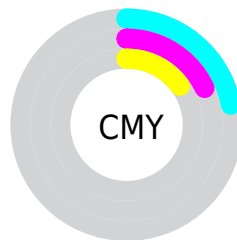
- Red (78%)
- Green (82%)
- Blue (85%)



- Red (78%)
- Yellow (81%)
- Blue (85%)



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)



- Cyan (22%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0085, 62.8050, 75.3422 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 59.0085, 62.8050, 75.3422 by changing the saturation by 10% instead.

■ 59.0085, 62.8050,
75.3422

■ 59.0085, 62.8050,
75.3422

410.8270,
434.8614, 498.3797

■ 42.8664, 45.6835,
55.3899

102.5046,
108.8881, 128.5482

■ 29.9743, 31.9961,
39.3132

130.5892,
138.6185, 162.6389

■ 19.9671, 21.3585,
26.6938

163.3854,
173.3207, 202.2795

■ 12.4792, 13.3863,
17.1130

201.2585,
213.3790, 247.8886

■ 7.1455, 7.6951,
10.1523

244.5738,
259.1778, 299.8846

■ 3.6004, 3.9005,
5.3931

293.6968,

■ 1.4786, 1.6180,

311.1016, 358.6861

2.4170

348.9927,
369.5346, 424.7116

■ 0.3112, 0.3697,
0.7957

■ 0.0000, 0.0000,
0.0000

■ 59.0085, 62.8050,
75.3422

■ 59.0085, 62.8050,
75.3422

■ 51.1828, 55.1336,
74.2749

■ 67.8305, 71.2371,
76.5058

■ 44.3099, 48.1906,
73.2970

■ 77.6795, 80.4450,
77.7640

■ 38.3509, 41.9532,
72.4071

■ 85.0471, 88.6261,
78.9548

■ 33.2618, 36.3937,
71.6023

■ 88.1725, 94.8769,
79.9966

■ 28.9950, 31.4825,
70.8792

■ 89.6551, 97.8420,
80.4908

■ 25.4975, 27.1872,
70.2345

■ 22.7096, 23.4716,
69.6642

■ 20.5614, 20.2940,
69.1641

■ 18.9472, 17.5943,
68.7281

Harmonies

Analogous

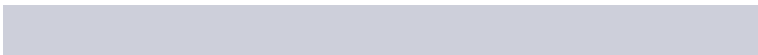
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.9398, 62.8050, 73.3460



59.0085, 62.8050, 75.3422



60.2758, 62.8050, 75.4313

Triad

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



59.0085, 62.8050, 75.3422



62.1068, 62.8050, 66.7374



58.0179, 62.8050, 63.4337

Complementary

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



59.0085, 62.8050, 75.3422



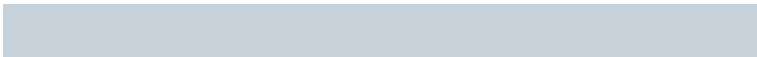
61.7783, 64.1401, 63.1580

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.



59.1165, 62.8050, 61.7898



59.0085, 62.8050, 75.3422



61.4838, 62.8050, 63.6509

Square

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



59.0085, 62.8050, 75.3422



62.0769, 62.8050, 70.3745



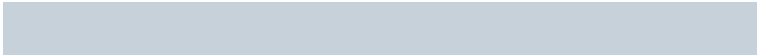
60.3853, 62.8050, 61.8679



57.3734, 62.8050, 66.4313

Rectangle

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



59.0085, 62.8050, 75.3422



61.0635, 62.8050, 74.3910



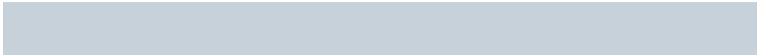
60.3853, 62.8050, 61.8679



58.3456, 62.8050, 62.7093

Sweetspot

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



59.0103, 62.8076, 75.3436



91.1466, 96.2884, 108.3893



59.9943, 66.8335, 69.3276



19.2906, 20.4010, 23.1710



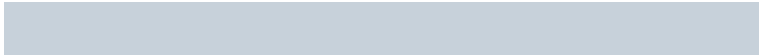
0.0000, 0.0000, 0.0000



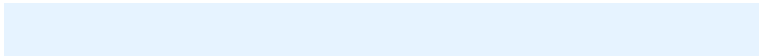
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.0103, 62.8076, 75.3436



82.5512, 88.0170, 107.2458



56.7785, 58.3440, 74.5996



12.9032, 13.7462, 16.6253



11.3478, 10.5650, 41.1796



0.8212, 0.8566, 2.6965

Inverse Universe

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



60.8469, 60.3569, 68.7678



85.5643, 84.0423, 96.4471



64.1307, 68.8450, 63.9421



13.3410, 13.1655, 15.0570



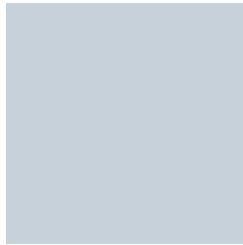
19.2232, 9.6903, 10.8212



1.2888, 0.6452, 0.9298

Previews

White Background



This preview shows how the XYZ color 59.0085, 62.8050, 75.3422 looks on a white background.

Color Contrast Check

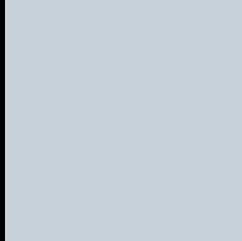
Large Text (above 18pt) WCAG AA × Fail

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 59.0085, 62.8050, 75.3422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

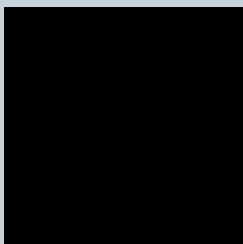
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

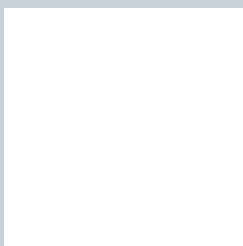
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.0085, 62.8050, 75.3422

Background



This preview shows how black text looks on a background with the XYZ color 59.0085, 62.8050, 75.3422.



This preview shows how white text looks on a background with the XYZ color 59.0085, 62.8050,

75.3422.

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

59.0085, 62.8050, 75.3422

Protanopia

60.7605, 62.6558, 73.8571

Deuteranopia

63.9291, 62.4702, 76.3987



Tritanopia

59.8298, 62.7729, 79.4840

Trichromacy



Original Color

59.0085, 62.8050, 75.3422

Protanomaly

60.0140, 62.6145, 74.5684

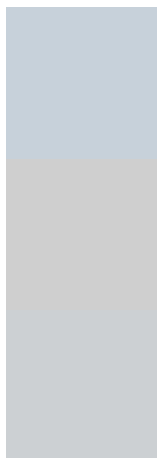
Deuteranomaly

62.1106, 62.5963, 75.8266

Tritanomaly

59.5601, 62.6650, 78.0636

Monochromacy



Original Color

59.0085, 62.8050, 75.3422

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.2156, 62.6523, 70.6001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0085, 62.8050, 75.3422 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(199, 209, 218)` looks like.

```
.text, #text, p{  
    color:rgb(199, 209, 218)  
}
```

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(199, 209, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 209, 218) }
```

Border

The CSS property to change the border of an element to XYZ 59.0085, 62.8050, 75.3422 is called "border". The border property can be set on classes, ids or directly on the HTML element.

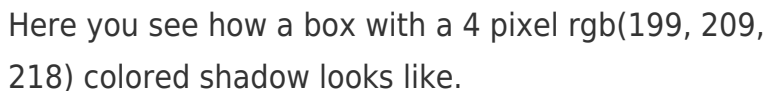
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 209, 218) }
```


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

```
.border{ border-color:rgb(199, 209, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 209, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 209, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 209, 218);  
box-shadow:4px 4px 4px 4px rgb(199, 209,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0085, 62.8050, 75.3422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 209, 218) }
```

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

```
.background{ background-color: rgb(199,  
209, 218) }
```

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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