

Converting Colors

XYZ(59.9506, 63.4575, 71.1456)

Have a look what the booklet for
XYZ(59.9506, 63.4575, 71.1456)
contains.

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Color

**XYZ(59.8610, 63.3335,
71.3569)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD1D4
RGB	205, 209, 212
RGB Percent	80%, 82%, 83%
CMY	0.1961, 0.1804, 0.1686
CMYK	0.03, 0.01, 0.00, 0.17
HSL	206°, 8%, 82%
HSV	206°, 3%, 83%
XYZ	59.8610, 63.3335, 71.3569
YIQ	208.1460, -3.3470, 0.0850

Conversions

Conversions Part 2

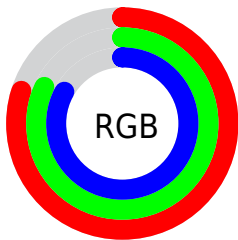
Format	Color
R_{YB}	205, 208, 212
Decimal	13488596
CIE Lab	83.62, -0.80, -1.97
CIE LCh	84, 2.124, 247.891
Yxy	63.3335, 0.3077, 0.3255
Android (android.graphics.Color)	4291678676 (0xFFCDD1D4)
YUV	208.1460, 1.9000, -2.7590
Hunter-Lab	79.5823, -5.0033, 2.5457

Details

The XYZ color **59.8610, 63.3335, 71.3569** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.7269, 63.5161, 66.8179**, and the grayscale version is **60.0400, 63.1668, 68.7886**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.5696, 32.4563, 36.5518** is the 20% darker color. If you saturate the color by 10%, you get **52.2413, 56.1950, 70.3816**, and if you desaturate by 10%, it is **68.4036, 71.1397, 72.4144**.

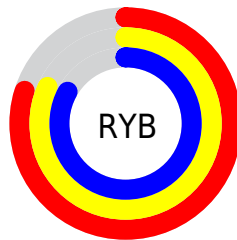
Distribution



Red (80%)

Green (82%)

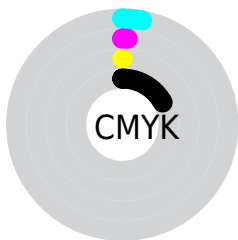
Blue (83%)



Red (80%)

Yellow (82%)

Blue (83%)

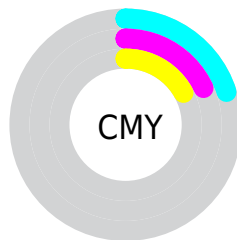


Cyan (3%)

Magenta (1%)

Yellow (0%)

Black (17%)



Cyan (20%)

Magenta (18%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8610, 63.3335, 71.3569 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 59.8610, 63.3335, 71.3569 by changing the saturation by 10% instead.

■ 59.8610, 63.3335,
71.3569

■ 59.8610, 63.3335,
71.3569

413.9282,
436.7788, 484.2173

■ 43.5556, 46.1111,
52.1499

103.7355,
109.6505, 122.8410

■ 30.5177, 32.3335,
36.7415

132.0353,
139.5139, 155.9551

■ 20.3819, 21.6163,
24.7132

165.0641,
174.3597, 194.5420

■ 12.7828, 13.5753,
15.6464

203.1870,
214.5723, 239.0203

■ 7.3551, 7.8259,
9.1227

246.7695,
260.5361, 289.8084

■ 3.7335, 3.9837,
4.7234

296.1770,

■ 1.5525, 1.6645,

312.6355, 347.3249

2.0300

351.7748,
371.2550, 411.9884

■ 0.3611, 0.4005,
0.5736

■ 0.0000, 0.0000,
0.0000

■ 59.8610, 63.3335,
71.3569

■ 59.8610, 63.3335,
71.3569

■ 52.2413, 56.1950,
70.3816

■ 68.4036, 71.1397,
72.4144

■ 45.5053, 49.6954,
69.4821

■ 77.8956, 79.6249,
73.5519

■ 39.6190, 43.8160,
68.6575

■ 83.1864, 86.1387,
74.5303

■ 34.5437, 38.5334,
67.9053

■ 85.8698, 91.5055,
75.4248

■ 30.2379, 33.8230,
67.2231

■ 88.6880, 97.1418,
76.3642

■ 26.6558, 29.6575,
66.6079

■ 88.8838, 97.5335,
76.4295

■ 23.7463, 26.0072,
66.0566

■ 21.4507, 22.8381,
65.5659

■ 19.6989, 20.1101,
65.1317

Harmonies

Analogous

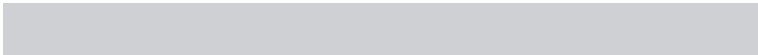
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



59.4944, 63.3335, 70.5426



59.8610, 63.3335, 71.3569



60.3193, 63.3335, 71.5247

Triad

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



59.8610, 63.3335, 71.3569



61.0858, 63.3335, 68.6088



59.6496, 63.3335, 66.9600

Complementary

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



59.8610, 63.3335, 71.3569



60.7269, 63.5161, 66.8179

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.



60.0740, 63.3335, 66.4562



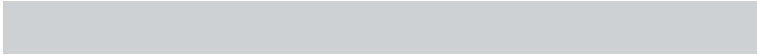
59.8610, 63.3335, 71.3569



60.9043, 63.3335, 67.4001

Square

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



59.8610, 63.3335, 71.3569



61.0280, 63.3335, 69.9268



60.5334, 63.3335, 66.6162



59.3728, 63.3335, 68.0010

Rectangle

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



59.8610, 63.3335, 71.3569



60.6154, 63.3335, 71.2454



60.5334, 63.3335, 66.6162



59.7797, 63.3335, 66.7229

Sweetspot

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



59.8628, 63.3362, 71.3583



93.7708, 98.8250, 108.7406



60.0963, 64.6171, 68.9268



20.0843, 21.1650, 23.2767



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

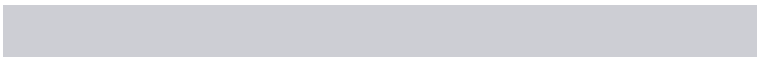
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.8628, 63.3362, 71.3583



90.0192, 95.3620, 108.2699



59.0327, 61.6760, 71.0816



13.1417, 13.9375, 15.9351



11.6767, 11.6152, 40.0797



0.7857, 0.8634, 2.4445

Inverse Universe

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



60.4927, 62.2644, 69.1546



91.1867, 93.3858, 104.1832



61.5697, 65.2017, 67.0988



13.3417, 13.6007, 15.2348



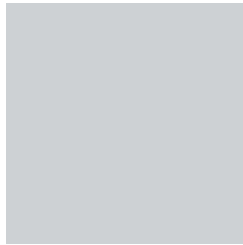
18.9527, 9.5174, 12.3210



1.1842, 0.5905, 0.9595

Previews

White Background



This preview shows how the XYZ color 59.8610, 63.3335, 71.3569 looks on a white background.

Color Contrast Check

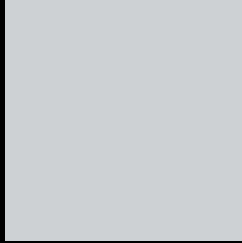
Large Text (above 18pt) WCAG AA × Fail

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 59.8610, 63.3335, 71.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

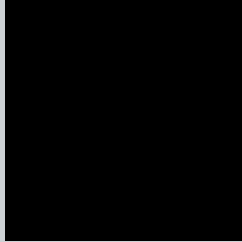
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

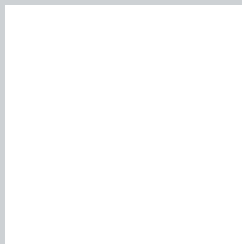
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8610, 63.3335, 71.3569

Background



This preview shows how black text looks on a background with the XYZ color 59.8610, 63.3335, 71.3569.

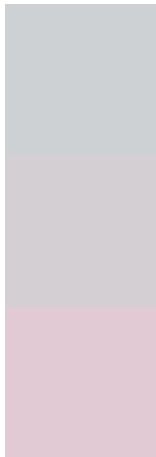


This preview shows how white text looks on a background with the XYZ color 59.8610, 63.3335,

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

59.8610, 63.3335, 71.3569

Protanopia

60.9347, 63.1777, 70.6109

Deuteranopia

64.4948, 63.2139, 71.7531



Tritanopia

61.4995, 63.2729, 79.4925

Trichromacy



Original Color

59.8610, 63.3335, 71.3569

Protanomaly

60.6082, 63.3702, 70.6653

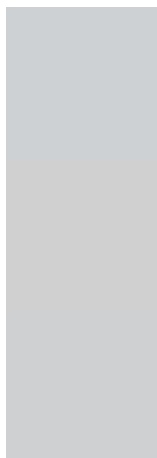
Deuteranomaly

62.7550, 63.3722, 71.8753

Tritanomaly

60.9277, 63.4009, 76.7365

Monochromacy



Original Color

59.8610, 63.3335, 71.3569

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.7966, 62.9806, 69.3265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8610, 63.3335, 71.3569 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(205, 209, 212) looks like.

```
.text, #text, p{  
    color:rgb(205, 209, 212)  
}
```

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(205, 209, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 209, 212) }
```

Border

The CSS property to change the border of an element to XYZ 59.8610, 63.3335, 71.3569 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(205, 209, 212) }
```


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

```
.border{ border-color:rgb(205, 209, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 209, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 209, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 209, 212);  
box-shadow:4px 4px 4px 4px rgb(205, 209,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8610, 63.3335, 71.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 209, 212) }
```

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

```
.background{ background-color: rgb(205,  
209, 212) }
```

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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