

Converting Colors

XYZ(55.5140, 59.4350, 64.0274)

Have a look what the booklet for
XYZ(55.5140, 59.4350, 64.0274)
contains.

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Color

**XYZ(55.4242, 59.4085,
63.8042)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CCC9
RGB	198, 204, 201
RGB Percent	78%, 80%, 79%
CMY	0.2235, 0.2000, 0.2118
CMYK	0.03, 0.00, 0.01, 0.20
HSL	150°, 6%, 79%
HSV	150°, 3%, 80%
XYZ	55.4242, 59.4085, 63.8042
YIQ	201.8640, -2.6130, -2.2050

Conversions

Conversions Part 2

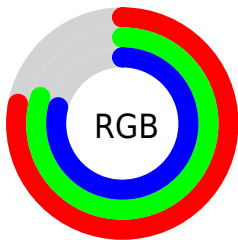
Format	Color
R _Y B	198, 202, 204
Decimal	13028553
CIE Lab	81.52, -2.60, 0.77
CIE LCh	82, 2.712, 163.565
Yxy	59.4085, 0.3103, 0.3326
Android (android.graphics.Color)	4291218633 (0xFFC6CCC9)
YUV	201.8640, -0.4260, -3.3887
Hunter-Lab	77.0769, -6.5294, 4.8736

Details

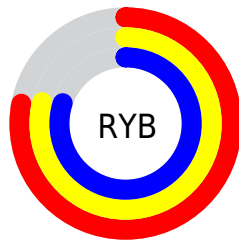
The XYZ color **55.4242, 59.4085, 63.8042** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.6407, 57.4442, 63.4165**, and the grayscale version is **56.0594, 58.9788, 64.2280**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.6744, 29.8486, 31.9065** is the 20% darker color. If you saturate the color by 10%, you get **49.2442, 56.3584, 57.4554**, and if you desaturate by 10%, it is **62.4117, 62.8690, 70.6097**.

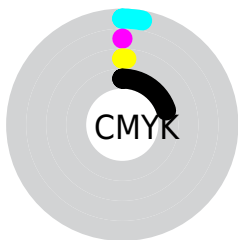
Distribution



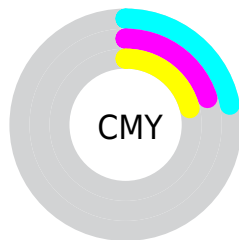
- Red (78%)
- Green (80%)
- Blue (79%)



- Red (78%)
- Yellow (79%)
- Blue (80%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)



- Cyan (22%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4242, 59.4085, 63.8042 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 55.4242, 59.4085, 63.8042 by changing the saturation by 10% instead.

■ 55.4242, 59.4085,
63.8042

■ 55.4242, 59.4085,
63.8042

397.6282,
422.4141, 456.6703

■ 39.9766, 42.9420,
46.0469

97.3069, 103.9711,
111.9257

■ 27.7045, 29.8396,
31.9339

124.4727,
132.8361, 143.1269

■ 18.2423, 19.7169,
21.0466

156.2754,
166.6027, 179.6466

■ 11.2248, 12.1894,
12.9665

193.0802,
205.6554, 221.9033

■ 6.2867, 6.8728,
7.2750

235.2526,
250.3784, 270.3154

■ 3.0625, 3.3827,
3.5537

283.1578,

■ 1.1869, 1.3346,

301.1563, 325.3016

1.3838

337.1612,
358.3734, 387.2804

■ 0.0960, 0.1678,
0.1291

■ 0.0000, 0.0000,
0.0000

■ 55.4242, 59.4085,
63.8042

■ 55.4242, 59.4085,
63.8042

■ 49.2442, 56.3584,
57.4554

■ 62.4117, 62.8690,
70.6097

■ 43.8363, 53.6956,
51.5498

■ 70.2301, 66.7468,
77.8772

■ 39.1699, 51.4063,
46.0792

■ 77.3453, 70.2525,
85.5436

■ 35.2105, 49.4727,
41.0333

■ 78.8346, 70.8482,
93.3859

■ 31.9206, 47.8759,
36.4015

■ 80.4094, 71.4781,
101.6787

■ 29.2592, 46.5947,
32.1728

■ 80.8840, 71.6679,
104.1780

■ 27.1803, 45.6058,
28.3356

■ 25.6315, 44.8822,
24.8775

■ 24.5498, 44.3919,
21.7852

Harmonies

Analogous

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



55.7161, 59.4085, 62.4441



55.4242, 59.4085, 63.8042



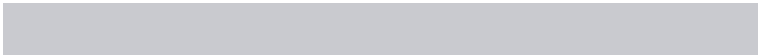
55.4102, 59.4085, 65.4227

Triad

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



55.4242, 59.4085, 63.8042



56.7227, 59.4085, 67.7765



57.2616, 59.4085, 62.5525

Complementary

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



55.4242, 59.4085, 63.8042



55.6407, 57.4442, 63.4165

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.



57.5351, 59.4085, 63.9544



55.4242, 59.4085, 63.8042



57.2226, 59.4085, 66.9804

Square

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



55.4242, 59.4085, 63.8042



56.1573, 59.4085, 67.7346



57.5208, 59.4085, 65.5754



56.7758, 59.4085, 61.7298

Rectangle

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



55.4242, 59.4085, 63.8042



55.5602, 59.4085, 66.4318



57.5208, 59.4085, 65.5754



57.3816, 59.4085, 62.9706

Sweetspot

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



55.4259, 59.4110, 63.8055



93.9133, 99.4377, 107.7783



55.9023, 59.6970, 62.0033



20.1133, 21.2897, 23.0808



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.



55.4259, 59.4110, 63.8055



90.5857, 97.7922, 104.4595



55.7707, 59.5490, 65.6214



11.9441, 12.9481, 13.7869



15.1456, 27.8036, 12.7179



0.8197, 1.4497, 0.8579

Inverse Universe

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



55.6407, 57.4442, 63.4165



91.0720, 93.3399, 103.5789



55.3023, 57.3088, 61.6345



12.0187, 12.2652, 13.6518



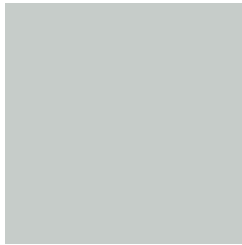
17.2317, 8.7033, 8.9389



0.9273, 0.4643, 0.6629

Previews

White Background



This preview shows how the XYZ color 55.4242, 59.4085, 63.8042 looks on a white background.

Color Contrast Check

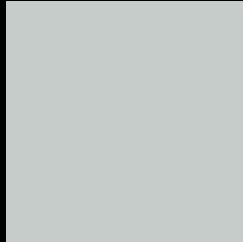
Large Text (above 18pt) WCAG AA × Fail

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 55.4242, 59.4085, 63.8042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

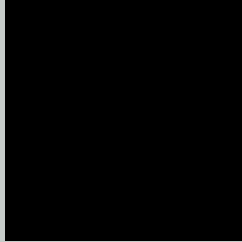
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

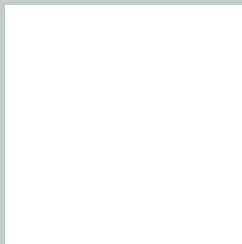
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.4242, 59.4085, 63.8042

Background



This preview shows how black text looks on a background with the XYZ color 55.4242, 59.4085, 63.8042.



This preview shows how white text looks on a background with the XYZ color 55.4242, 59.4085,

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

55.4242, 59.4085, 63.8042

Protanopia

57.0441, 59.2088, 63.0655

Deuteranopia

60.6436, 59.3212, 64.7538



Tritanopia

57.4984, 59.2005, 74.0420

Trichromacy



Original Color

55.4242, 59.4085, 63.8042

Protanomaly

56.4477, 59.2486, 63.1046

Deuteranomaly

58.5247, 59.2572, 64.2303

Tritanomaly

56.6978, 59.2236, 70.0710

Monochromacy



Original Color

55.4242, 59.4085, 63.8042

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.1040, 59.3936, 64.3842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4242, 59.4085, 63.8042 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(198, 204, 201)` looks like.

```
.text, #text, p{  
    color:rgb(198, 204, 201)  
}
```

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(198, 204, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 204, 201) }
```

Border

The CSS property to change the border of an element to XYZ 55.4242, 59.4085, 63.8042 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(198, 204, 201) }
```


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

```
.border{ border-color:rgb(198, 204, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 204, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 204, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 204, 201);  
box-shadow:4px 4px 4px 4px rgb(198, 204,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4242, 59.4085, 63.8042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 204, 201) }
```

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

```
.background{ background-color: rgb(198,  
204, 201) }
```

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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