

Converting Colors

XYZ(55.4735, 59.4246, 64.2289)

Have a look what the booklet for
XYZ(55.4735, 59.4246, 64.2289)
contains.

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Color

**XYZ(55.5422, 59.4558,
64.4258)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CCCA
RGB	198, 204, 202
RGB Percent	78%, 80%, 79%
CMY	0.2235, 0.2000, 0.2078
CMYK	0.03, 0.00, 0.01, 0.20
HSL	160°, 6%, 79%
HSV	160°, 3%, 80%
XYZ	55.5422, 59.4558, 64.4258
YIQ	201.9780, -2.9340, -1.8940

Conversions

Conversions Part 2

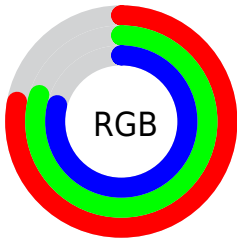
Format	Color
R _Y B	198, 202, 204
Decimal	13028554
CIE Lab	81.54, -2.42, 0.27
CIE LCh	82, 2.431, 173.621
Yxy	59.4558, 0.3096, 0.3314
Android (android.graphics.Color)	4291218634 (0xFFC6CCCA)
YUV	201.9780, 0.0108, -3.4887
Hunter-Lab	77.1076, -6.3610, 4.4367

Details

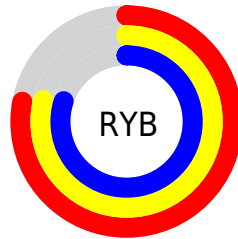
The XYZ color **55.5422, 59.4558, 64.4258** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.5234, 57.3971, 62.7988**, and the grayscale version is **56.1280, 59.0510, 64.3065**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.7532, 29.8801, 32.3217** is the 20% darker color. If you saturate the color by 10%, you get **49.7348, 56.5548, 60.0393**, and if you desaturate by 10%, it is **62.1128, 62.7495, 69.0361**.

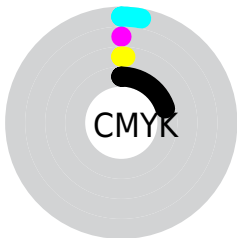
Distribution



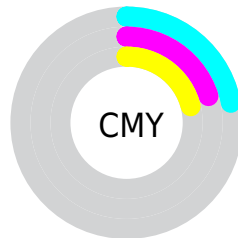
- Red (78%)
- Green (80%)
- Blue (79%)



- 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 55.5422, 59.4558, 64.4258 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 55.5422, 59.4558, 64.4258 by changing the saturation by 10% instead.

■ 55.5422, 59.4558,
64.4258

■ 55.5422, 59.4558,
64.4258

398.0670,
422.5890, 458.9753

■ 40.0715, 42.9801,
46.5472

97.4786, 104.0398,
112.8293

■ 27.7788, 29.8695,
32.3261

124.6751,
132.9170, 144.1913

■ 18.2986, 19.7396,
21.3438

156.5109,
166.6968, 180.8849

■ 11.2655, 12.2059,
13.1819

193.3513,
205.7636, 223.3286

■ 6.3143, 6.8841,
7.4217

235.5618,
250.5018, 271.9409

■ 3.0796, 3.3897,
3.6448

283.5077,

■ 1.1960, 1.3384,

301.2959, 327.1405

1.4326

337.5543,
358.5301, 389.3457

■ 0.1032, 0.1707,
0.1669

■ 0.0000, 0.0000,
0.0000

■ 55.5422, 59.4558,
64.4258

■ 55.5422, 59.4558,
64.4258

■ 49.7348, 56.5548,
60.0393

■ 62.1128, 62.7495,
69.0361

■ 44.6565, 54.0238,
55.8690

■ 69.4691, 66.4425,
73.8700

■ 40.2776, 51.8495,
51.9124

■ 76.0760, 69.7449,
78.8590

■ 36.5649, 50.0146,
48.1654

■ 77.0095, 70.1183,
83.7751

■ 33.4821, 48.5005,
44.6238

■ 77.9804, 70.5066,
88.8876

■ 30.9893, 47.2868,
41.2831

■ 78.9890, 70.9101,
94.1987

■ 29.0420, 46.3505,
38.1387

■ 80.0357, 71.3287,
99.7106

■ 27.5891, 45.6654,
35.1855

■ 80.8840, 71.6681,
104.1780

■ 26.5690, 45.1997,
32.4179

Harmonies

Analogous

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



55.7253, 59.4558, 63.0861



55.5422, 59.4558, 64.4258



55.6174, 59.4558, 65.8688

Triad

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



55.5422, 59.4558, 64.4258



56.9047, 59.4558, 67.3441



57.0945, 59.4558, 62.5029

Complementary

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



55.5422, 59.4558, 64.4258



55.5234, 57.3971, 62.7988

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.



57.4140, 59.4558, 63.6187



55.5422, 59.4558, 64.4258



57.3040, 59.4558, 66.4170

Square

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



55.5422, 59.4558, 64.4258



56.4021, 59.4558, 67.5680



57.4909, 59.4558, 65.0497



56.6200, 59.4558, 61.9867

Rectangle

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



55.5422, 59.4558, 64.4258



55.8042, 59.4558, 66.6937



57.4909, 59.4558, 65.0497



57.2237, 59.4558, 62.8194

Sweetspot

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



55.5439, 59.4583, 64.4271



93.9813, 99.4649, 108.1364



55.6340, 59.5588, 61.9906



20.1271, 21.2952, 23.1537



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.



55.5439, 59.4583, 64.4271



90.8532, 97.8992, 105.8682



55.5693, 59.1270, 65.6137



11.9852, 12.9645, 14.0031



16.4291, 28.3169, 19.4765



0.8819, 1.4746, 1.1855

Inverse Universe

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



55.5234, 57.3971, 62.7988



90.8069, 93.2338, 102.1828



55.4972, 57.7170, 61.6423



11.9781, 12.2490, 13.4378



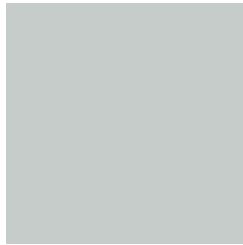
16.3707, 8.3589, 4.4046



0.8797, 0.4453, 0.4124

Previews

White Background



This preview shows how the XYZ color 55.5422, 59.4558, 64.4258 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 55.5422, 59.4558, 64.4258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

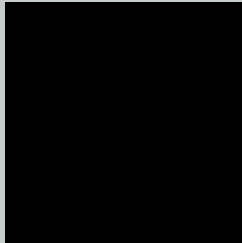
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

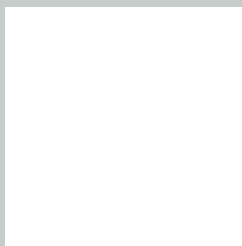
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5422, 59.4558, 64.4258

Background



This preview shows how black text looks on a background with the XYZ color 55.5422, 59.4558, 64.4258.



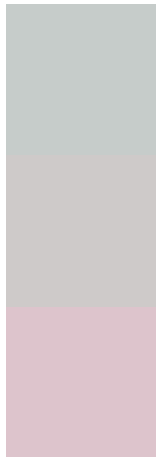
This preview shows how white text looks on a background with the XYZ color 55.5422, 59.4558,

64.4258.

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

55.5422, 59.4558, 64.4258

Protanopia

57.1167, 59.5799, 63.7480

Deuteranopia

60.4578, 59.2116, 65.3693



Tritanopia

57.5948, 59.5824, 74.7946

Trichromacy



Original Color

55.5422, 59.4558, 64.4258

Protanomaly

56.5272, 59.6254, 63.7879

Deuteranomaly

58.6435, 59.3048, 64.8560

Tritanomaly

56.7928, 59.6075, 70.7994

Monochromacy



Original Color

55.5422, 59.4558, 64.4258

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 55.5422, 59.4558, 64.4258 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, 202) looks like.

```
.text, #text, p{  
    color:rgb(198, 204, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 204, 202) }
```

Border

The CSS property to change the border of an element to XYZ 55.5422, 59.4558, 64.4258 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, 202) }
```


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

```
.border{ border-color:rgb(198, 204, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 204, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 204, 202); box-shadow:4px 4px 4px 4px rgb(198, 204, 202) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5422, 59.4558, 64.4258 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, 202) }
```

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

```
.background{ background-color: rgb(198,  
204, 202) }
```

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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