

Converting Colors

XYZ(55.6511, 58.3295, 64.9989)

Have a look what the booklet for
XYZ(55.6511, 58.3295, 64.9989)
contains.

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Color

**XYZ(55.7535, 58.5026,
64.8535)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C9CB
RGB	201, 201, 203
RGB Percent	79%, 79%, 80%
CMY	0.2118, 0.2117, 0.2039
CMYK	0.01, 0.01, 0.00, 0.20
HSL	240°, 2%, 79%
HSV	240°, 1%, 80%
XYZ	55.7535, 58.5026, 64.8535
YIQ	201.2280, -0.6420, 0.6220

Conversions

Conversions Part 2

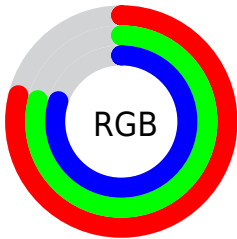
Format	Color
R _Y B	201, 201, 203
Decimal	13224395
CIE Lab	81.02, 0.37, -1.00
CIE LCh	81, 1.071, 290.328
Yxy	58.5026, 0.3113, 0.3266
Android (android.graphics.Color)	4291414475 (0xFFC9C9CB)
YUV	201.2280, 0.8736, -0.2000
Hunter-Lab	76.4870, -3.7386, 3.2688

Details

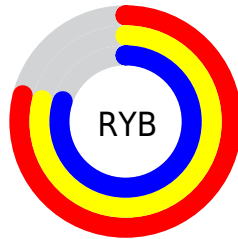
The XYZ color **55.7535, 58.5026, 64.8535** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5271, 59.6246, 63.7885**, and the grayscale version is **55.6552, 58.5536, 63.7649**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.8912, 29.2404, 32.6077** is the 20% darker color. If you saturate the color by 10%, you get **46.2371, 47.0424, 63.1439**, and if you desaturate by 10%, it is **66.6175, 71.5858, 66.8071**.

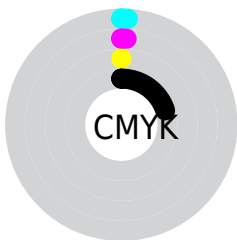
Distribution



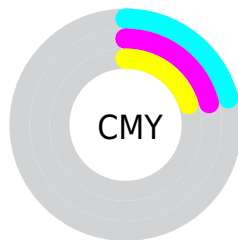
- Red (79%)
- Green (79%)
- Blue (80%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7535, 58.5026, 64.8535 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 55.7535, 58.5026, 64.8535 by changing the saturation by 10% instead.

■ 55.7535, 58.5026,
64.8535

■ 55.7535, 58.5026,
64.8535

398.8520,
419.0561, 460.5571

■ 40.2415, 42.2128,
46.8917

97.7860, 102.6544,
113.4505

■ 27.9120, 29.2680,
32.5963

125.0372,
131.2852, 144.9227

■ 18.3994, 19.2836,
21.5488

156.9323,
164.7985, 181.7356

■ 11.3386, 11.8754,
13.3306

193.8365,
203.5787, 224.3075

■ 6.3640, 6.6589,
7.5232

236.1152,
248.0102, 273.0571

■ 3.1104, 3.2497,
3.7080

284.1338,

■ 1.2124, 1.2634,

298.4773, 328.4028

1.4666

338.2576,
355.3645, 390.7633

■ 0.1161, 0.1126,
0.1928

■ 0.0000, 0.0000,
0.0000

■ 55.7535, 58.5026,
64.8535

■ 55.7535, 58.5026,
64.8535

■ 46.2371, 47.0424,
63.1439

■ 66.6175, 71.5858,
66.8071

■ 38.0112, 37.1349,
61.6651

■ 78.8736, 86.3439,
69.0097

■ 31.0216, 28.7155,
60.4084

■ 87.7797, 97.0919,
70.6149

■ 25.2086, 21.7124,
59.3630

■ 20.5076, 16.0478,
58.5174

■ 16.8477, 11.6366,
57.8589

■ 14.1498, 8.3835,
57.3732

■ 12.3236, 6.1800,
57.0441

■ 11.2616, 4.8970,
56.8524

Harmonies

Analogous

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



55.5332, 58.5026, 64.9130



55.7535, 58.5026, 64.8535



55.9344, 58.5026, 64.4836

Triad

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



55.7535, 58.5026, 64.8535



55.8781, 58.5026, 62.7623



55.1849, 58.5026, 63.4941

Complementary

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



55.7535, 58.5026, 64.8535



56.5271, 59.6246, 63.7885

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.



55.2768, 58.5026, 62.9216



55.7535, 58.5026, 64.8535



55.6768, 58.5026, 62.5010

Square

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



55.7535, 58.5026, 64.8535



56.0065, 58.5026, 63.2753



55.4567, 58.5026, 62.5590



55.2054, 58.5026, 64.1253

Rectangle

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



55.7535, 58.5026, 64.8535



56.0082, 58.5026, 64.1121



55.4567, 58.5026, 62.5590



55.2037, 58.5026, 63.2884

Sweetspot

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



55.7552, 58.5051, 64.8548

95.0500, 100.0000, 108.9000



56.2197, 59.4405, 64.9900



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



55.7552, 58.5051, 64.8548



93.3114, 97.9063, 108.5875



56.0150, 58.6378, 64.8667



12.4148, 13.0287, 14.4308



6.8633, 2.7506, 36.1255



0.3547, 0.1431, 1.8639

Inverse Universe

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



56.0591, 58.6878, 63.6346



93.8347, 98.2209, 106.4866



56.2655, 59.4910, 63.7765



12.4793, 13.0675, 14.1718



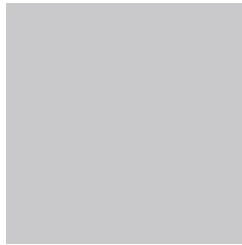
15.6752, 8.0807, 0.7423



0.8090, 0.4170, 0.0399

Previews

White Background



This preview shows how the XYZ color 55.7535, 58.5026, 64.8535 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 55.7535, 58.5026, 64.8535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

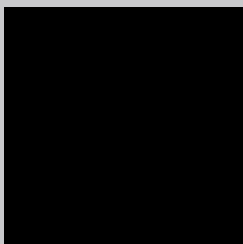
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

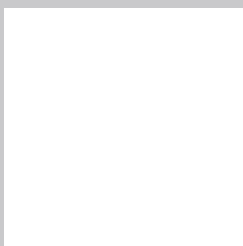
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.7535, 58.5026, 64.8535

Background



This preview shows how black text looks on a background with the XYZ color 55.7535, 58.5026, 64.8535.

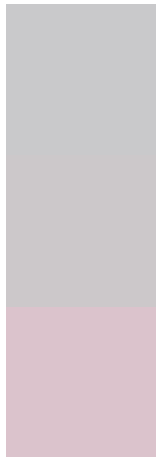


This preview shows how white text looks on a background with the XYZ color 55.7535, 58.5026,

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

55.7535, 58.5026, 64.8535

Protanopia

56.2168, 58.4102, 64.1885

Deuteranopia

59.6276, 58.4499, 65.2660



Tritanopia

57.3178, 58.4497, 72.5509

Trichromacy



Original Color

55.7535, 58.5026, 64.8535

Protanomaly

55.9435, 58.2693, 64.1757

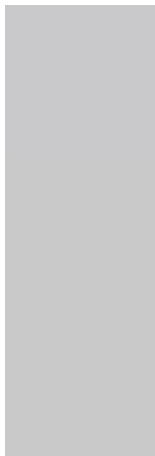
Deuteranomaly

58.0167, 58.2892, 65.3199

Tritanomaly

56.7693, 58.5683, 69.9408

Monochromacy



Original Color

55.7535, 58.5026, 64.8535

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.6347, 58.4551, 64.2278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7535, 58.5026, 64.8535 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(201, 201, 203) looks like.

```
.text, #text, p{  
    color:rgb(201, 201, 203)  
}
```

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(201, 201, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 201, 203) }
```

Border

The CSS property to change the border of an element to XYZ 55.7535, 58.5026, 64.8535 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(201, 201, 203) }
```

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

```
.border{ border-color:rgb(201, 201, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 201, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 201, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 201, 203);  
box-shadow:4px 4px 4px 4px rgb(201, 201,  
203) }
```


Background

The CSS property to change the background color of an element to XYZ 55.7535, 58.5026, 64.8535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 201, 203) }
```

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

```
.background{ background-color: rgb(201,  
201, 203) }
```

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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