

Converting Colors

XYZ(55.8725, 59.1470, 64.7473)

Have a look what the booklet for
XYZ(55.8725, 59.1470, 64.7473)
contains.

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Color

**XYZ(55.9548, 59.3030,
64.9974)**

Conversions

Conversions Part 1

Format	Color
Hex	C8CBCB
RGB	200, 203, 203
RGB Percent	78%, 80%, 80%
CMY	0.2157, 0.2039, 0.2039
CMYK	0.01, 0.00, 0.00, 0.20
HSL	180°, 3%, 79%
HSV	180°, 1%, 80%
XYZ	55.9548, 59.3030, 64.9974
YIQ	202.1030, -1.7880, -0.6360

Conversions

Conversions Part 2

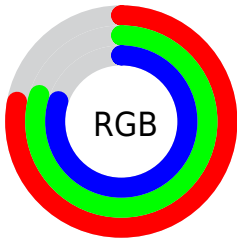
Format	Color
R_{YB}	200, 202, 203
Decimal	13159371
CIE Lab	81.46, -1.02, -0.37
CIE LCh	81, 1.088, 199.837
Yxy	59.3030, 0.3104, 0.3290
Android (android.graphics.Color)	4291349451 (0xFFC8CBCB)
YUV	202.1030, 0.4422, -1.8443
Hunter-Lab	77.0084, -5.0656, 3.8634

Details

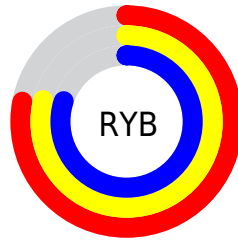
The XYZ color **55.9548, 59.3030, 64.9974** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7103, 58.1767, 62.9394**, and the grayscale version is **56.2028, 59.1297, 64.3923**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.0263, 29.7758, 32.7039** is the 20% darker color. If you saturate the color by 10%, you get **50.8868, 56.6923, 64.7472**, and if you desaturate by 10%, it is **61.7461, 62.2899, 65.2839**.

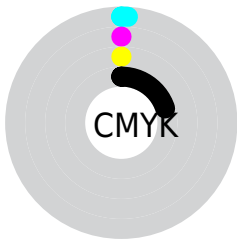
Distribution



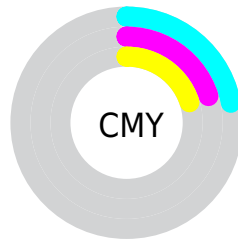
- Red (78%)
- Green (80%)
- Blue (80%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9548, 59.3030, 64.9974 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 55.9548, 59.3030, 64.9974 by changing the saturation by 10% instead.

■ 55.9548, 59.3030,
64.9974

■ 55.9548, 59.3030,
64.9974

399.5989,
422.0239, 461.0886

■ 40.4035, 42.8571,
47.0076

98.0787, 103.8179,
113.6594

■ 28.0389, 29.7730,
32.6873

125.3820,
132.6557, 145.1686

■ 18.4956, 19.6663,
21.6179

157.3334,
166.3929, 182.0215

■ 11.4082, 12.1527,
13.3808

194.2982,
205.4139, 224.6365

■ 6.4114, 6.8478,
7.5575

236.6419,
250.1031, 273.4322

■ 3.1399, 3.3671,
3.7294

284.7296,

■ 1.2281, 1.3263,

300.8449, 328.8270

1.4781

338.9268,
358.0237, 391.2397

■ 0.1284, 0.1614,
0.2015

■ 0.0000, 0.0000,
0.0000

■ 55.9548, 59.3030,
64.9974

■ 55.9548, 59.3030,
64.9974

■ 50.8868, 56.6923,
64.7472

■ 61.7461, 62.2899,
65.2839

■ 46.5089, 54.4357,
64.5281

■ 68.2822, 65.6590,
65.6040

■ 42.7927, 52.5203,
64.3400

■ 73.3849, 68.2893,
65.8570

■ 39.7061, 50.9294,
64.1814

■ 73.3876, 68.2904,
65.8713

■ 37.2141, 49.6451,
64.0506

■ 73.3904, 68.2915,
65.8857

■ 35.2786, 48.6476,
63.9458

■ 73.3931, 68.2925,
65.9000

■ 33.8567, 47.9149,
63.8650

■ 73.3958, 68.2936,
65.9144

■ 32.8995, 47.4218,
63.8060

■ 73.3985, 68.2947,
65.9287

■ 32.3488, 47.1381,
63.7661

■ 73.4013, 68.2958,
65.9431

Harmonies

Analogous

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



55.9358, 59.3030, 64.3498



55.9548, 59.3030, 64.9974



56.0838, 59.3030, 65.5341

Triad

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



55.9548, 59.3030, 64.9974



56.7010, 59.3030, 65.3831



56.4430, 59.3030, 63.3443

Complementary

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



55.9548, 59.3030, 64.9974



55.7103, 58.1767, 62.9394

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.



56.6486, 59.3030, 63.6172



55.9548, 59.3030, 64.9974



56.7979, 59.3030, 64.7924

Square

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



55.9548, 59.3030, 64.9974



56.5145, 59.3030, 65.7578



56.7787, 59.3030, 64.1462



56.2173, 59.3030, 63.3983

Rectangle

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



55.9548, 59.3030, 64.9974



56.2149, 59.3030, 65.7553



56.7787, 59.3030, 64.1462



56.5168, 59.3030, 63.4007

Sweetspot

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



55.9565, 59.3055, 64.9987

95.0500, 100.0000, 108.9000



55.6157, 59.1708, 63.1342



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.



55.9565, 59.3055, 64.9987



93.1976, 99.0452, 108.8085



55.6156, 58.6232, 64.8871



12.4006, 13.1691, 14.4581



20.4338, 29.9188, 40.5648



1.0543, 1.5435, 2.0936

Inverse Universe

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



55.7103, 58.1767, 62.9394



92.6351, 96.4653, 104.1023



56.0478, 58.8522, 63.0499



12.3313, 12.8508, 13.8776



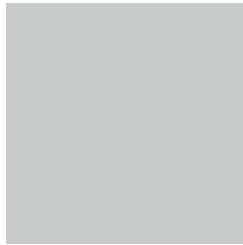
15.6745, 8.0804, 0.7389



0.8088, 0.4169, 0.0391

Previews

White Background



This preview shows how the XYZ color 55.9548, 59.3030, 64.9974 looks on a white background.

Color Contrast Check

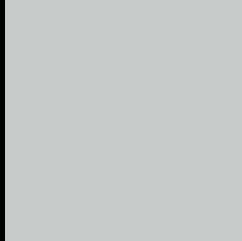
Large Text (above 18pt) WCAG AA × Fail

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 55.9548, 59.3030, 64.9974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

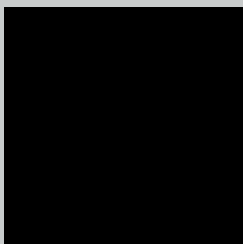
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

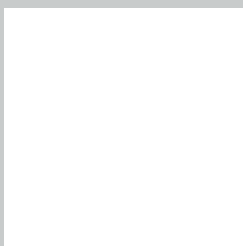
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.9548, 59.3030, 64.9974

Background



This preview shows how black text looks on a background with the XYZ color 55.9548, 59.3030, 64.9974.

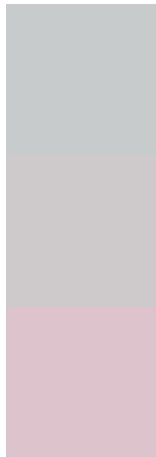


This preview shows how white text looks on a background with the XYZ color 55.9548, 59.3030,

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

55.9548, 59.3030, 64.9974

Protanopia

57.0009, 59.1594, 64.2917

Deuteranopia

60.4578, 59.2116, 65.3693



Tritanopia

57.7682, 59.3396, 74.0546

Trichromacy



Original Color

55.9548, 59.3030, 64.9974

Protanomaly

56.6830, 59.3427, 64.3439

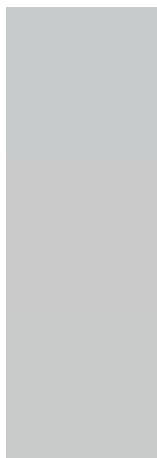
Deuteranomaly

58.7631, 59.3526, 65.4858

Tritanomaly

57.0916, 59.4120, 70.7460

Monochromacy



Original Color

55.9548, 59.3030, 64.9974

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.8686, 58.9228, 64.3058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9548, 59.3030, 64.9974 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(200, 203, 203) looks like.

```
.text, #text, p{  
    color:rgb(200, 203, 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(200, 203, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 203, 203) }
```

Border

The CSS property to change the border of an element to XYZ 55.9548, 59.3030, 64.9974 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(200, 203, 203) }
```

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

```
.border{ border-color:rgb(200, 203, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 203, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 203, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 203, 203);  
box-shadow:4px 4px 4px 4px rgb(200, 203,  
203) }
```


Background

The CSS property to change the background color of an element to XYZ 55.9548, 59.3030, 64.9974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 203, 203) }
```

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

```
.background{ background-color: rgb(200,  
203, 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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