

Converting Colors

XYZ(56.0553, 58.9929, 65.1922)

Have a look what the booklet for
XYZ(56.0553, 58.9929, 65.1922)
contains.

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Color

**XYZ(55.9874, 58.9704,
64.9315)**

Conversions

Conversions Part 1

Format	Color
Hex	C9CACB
RGB	201, 202, 203
RGB Percent	79%, 79%, 80%
CMY	0.2118, 0.2078, 0.2039
CMYK	0.01, 0.00, 0.00, 0.20
HSL	210°, 2%, 79%
HSV	210°, 1%, 80%
XYZ	55.9874, 58.9704, 64.9315
YIQ	201.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

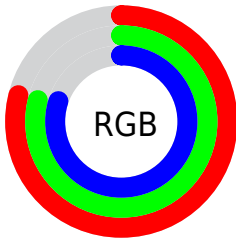
Format	Color
RYB	201, 202, 203
Decimal	13224651
CIELab	81.28, -0.16, -0.63
CIELCh	81, 0.646, 256.101
Yxy	58.9704, 0.3112, 0.3278
Android (android.graphics.Color)	4291414731 (0xFFC9CACB)
YUV	201.8150, 0.5842, -0.7148
Hunter-Lab	76.7922, -4.2461, 3.6220

Details

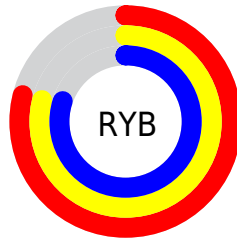
The XYZ color **55.9874, 58.9704, 64.9315** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.2917, 59.1538, 63.7100**, and the grayscale version is **56.0220, 58.9395, 64.1852**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.0473, 29.5528, 32.6598** is the 20% darker color. If you saturate the color by 10%, you get **48.5916, 51.7513, 63.9288**, and if you desaturate by 10%, it is **64.2633, 66.8774, 66.0224**.

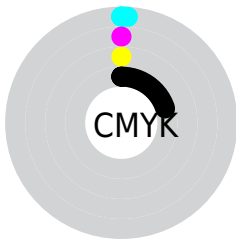
Distribution



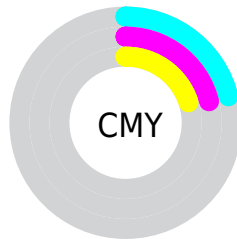
- Red (79%)
- Green (79%)
- Blue (80%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9874, 58.9704, 64.9315 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 55.9874, 58.9704, 64.9315 by changing the saturation by 10% instead.

■ 55.9874, 58.9704,
64.9315

■ 55.9874, 58.9704,
64.9315

399.7198,
420.7922, 460.8452

■ 40.4298, 42.5893,
46.9545

98.1261, 103.3346,
113.5637

■ 28.0595, 29.5630,
32.6456

125.4378,
132.0866, 145.0560

■ 18.5112, 19.5071,
21.5862

157.3984,
165.7309, 181.8906

■ 11.4195, 12.0373,
13.3578

194.3730,
204.6520, 224.4858

■ 6.4191, 6.7691,
7.5418

236.7271,
249.2343, 273.2604

■ 3.1446, 3.3181,
3.7196

284.8260,

■ 1.2307, 1.3000,

299.8622, 328.6328

1.4728

339.0352,
356.9200, 391.0216

■ 0.1304, 0.1412,
0.1976

■ 0.0000, 0.0000,
0.0000

■ 55.9874, 58.9704,
64.9315

■ 55.9874, 58.9704,
64.9315

■ 48.5916, 51.7513,
63.9288

■ 64.2633, 66.8774,
66.0224

■ 42.0398, 45.1922,
63.0080

■ 73.4437, 75.4841,
67.1998

■ 36.3008, 39.2740,
62.1682

■ 80.9733, 83.4791,
68.3461

■ 31.3394, 33.9740,
61.4067

■ 83.9081, 89.3487,
69.3244

■ 27.1176, 29.2677,
60.7208

■ 87.0095, 95.5515,
70.3582

■ 23.5939, 25.1289,
60.1076

■ 87.7797, 97.0919,
70.6149

■ 20.7224, 21.5286,
59.5641

■ 18.4509, 18.4345,
59.0866

■ 16.7178, 15.8094,
58.6712

Harmonies

Analogous

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



55.8702, 58.9704, 64.7447



55.9874, 58.9704, 64.9315



56.1215, 58.9704, 64.9241

Triad

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



55.9874, 58.9704, 64.9315



56.2988, 58.9704, 64.0032



55.8632, 58.9704, 63.6958

Complementary

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



55.9874, 58.9704, 64.9315



56.2917, 59.1538, 63.7100

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.



55.9778, 58.9704, 63.4987



55.9874, 58.9704, 64.9315



56.2294, 58.9704, 63.6757

Square

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



55.9874, 58.9704, 64.9315



56.3014, 58.9704, 64.3871



56.1118, 58.9704, 63.4914



55.7985, 58.9704, 64.0307

Rectangle

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



55.9874, 58.9704, 64.9315



56.2023, 58.9704, 64.8100



56.1118, 58.9704, 63.4914



55.8971, 58.9704, 63.6113

Sweetspot

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



55.9891, 58.9729, 64.9328

95.0500, 100.0000, 108.9000



56.1009, 59.3930, 64.3644



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.



55.9891, 58.9729, 64.9328



93.7141, 98.7117, 108.7217



55.7621, 58.5189, 64.8571



12.4644, 13.1280, 14.4474



9.9668, 8.9576, 37.1600



0.5901, 0.6139, 1.9423

Inverse Universe

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



56.1772, 58.7351, 64.2563



94.0380, 98.3022, 107.5570



56.5202, 59.6106, 63.7861



12.5044, 13.0775, 14.3038



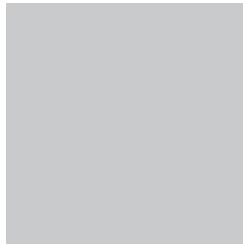
17.2417, 8.7073, 8.9914



0.9278, 0.4645, 0.6656

Previews

White Background



This preview shows how the XYZ color 55.9874, 58.9704, 64.9315 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 55.9874, 58.9704, 64.9315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

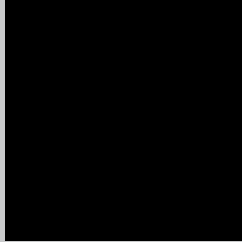
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

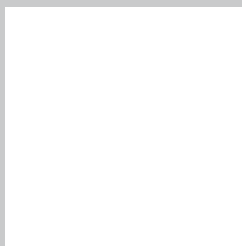
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.9874, 58.9704, 64.9315

Background



This preview shows how black text looks on a background with the XYZ color 55.9874, 58.9704, 64.9315.

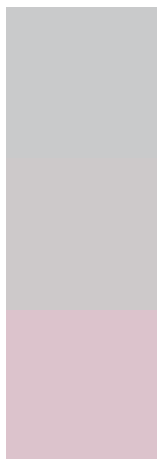


This preview shows how white text looks on a background with the XYZ color 55.9874, 58.9704,

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

55.9874, 58.9704, 64.9315

Protanopia

56.7242, 59.0167, 64.2788

Deuteranopia

59.9294, 58.6055, 65.2801



Tritanopia

57.6775, 58.9629, 73.3068

Trichromacy



Original Color

55.9874, 58.9704, 64.9315

Protanomaly

56.4492, 58.8749, 64.2659

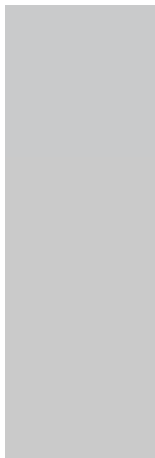
Deuteranomaly

58.5337, 58.8939, 65.4093

Tritanomaly

57.0016, 59.0330, 70.0182

Monochromacy



Original Color

55.9874, 58.9704, 64.9315

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.1383, 59.0619, 64.3184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9874, 58.9704, 64.9315 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, 202, 203) looks like.

```
.text, #text, p{  
    color:rgb(201, 202, 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, 202, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 202, 203) }
```

Border

The CSS property to change the border of an element to XYZ 55.9874, 58.9704, 64.9315 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, 202, 203) }
```

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

```
.border{ border-color:rgb(201, 202, 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, 202, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 202, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 202, 203);  
box-shadow:4px 4px 4px 4px rgb(201, 202,  
203) }
```


Background

The CSS property to change the background color of an element to XYZ 55.9874, 58.9704, 64.9315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 202, 203) }
```

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

```
.background{ background-color: rgb(201,  
202, 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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