

Converting Colors

XYZ(54.4927, 55.4052, 64.9489)

Have a look what the booklet for
XYZ(54.4927, 55.4052, 64.9489)
contains.

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Color

**XYZ(54.5480, 55.4998,
64.9643)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC2CC
RGB	202, 194, 204
RGB Percent	79%, 76%, 80%
CMY	0.2078, 0.2392, 0.2000
CMYK	0.01, 0.05, 0.00, 0.20
HSL	288°, 9%, 78%
HSV	288°, 5%, 80%
XYZ	54.5480, 55.4998, 64.9643
YIQ	197.5320, 1.5580, 4.8060

Conversions

Conversions Part 2

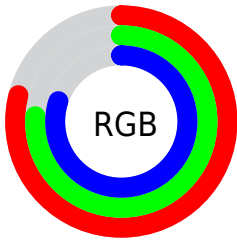
Format	Color
RYB	202, 194, 204
Decimal	13288140
CIELab	79.33, 4.61, -4.01
CIElCh	79, 6.115, 318.991
Yxy	55.4998, 0.3117, 0.3171
Android (android.graphics.Color)	4291478220 (0xFFCAC2CC)
YUV	197.5320, 3.1887, 3.9184
Hunter-Lab	74.4982, 0.3269, 0.4464

Details

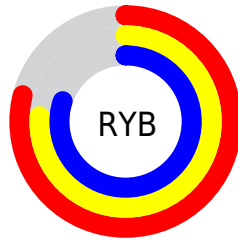
The XYZ color **54.5480, 55.4998, 64.9643** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.0976, 58.8181, 59.5436**, and the grayscale version is **53.3746, 56.1543, 61.1520**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **27.0958, 27.2541, 32.6866** is the 20% darker color. If you saturate the color by 10%, you get **49.2266, 46.4742, 63.5035**, and if you desaturate by 10%, it is **60.5250, 65.7918, 66.6367**.

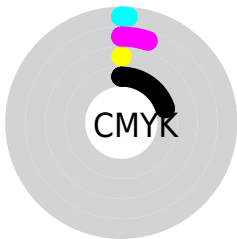
Distribution



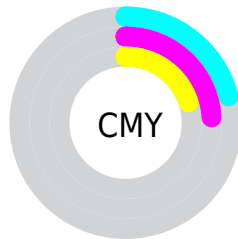
- Red (79%)
- Green (76%)
- Blue (80%)



- Red (79%)
- Yellow (76%)
- Blue (80%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)



- Cyan (21%)
- Magenta (24%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5480, 55.4998, 64.9643 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 54.5480, 55.4998, 64.9643 by changing the saturation by 10% instead.

■ 54.5480, 55.4998,
64.9643

■ 54.5480, 55.4998,
64.9643

394.3606,
407.8037, 460.9664

■ 39.2724, 39.8020,
46.9810

■ 96.0306, 98.2729,
113.6113

■ 27.1534, 27.3842,
32.6664

122.9682,
126.1169, 145.1121

■ 17.8256, 17.8620,
21.6020

154.5239,
158.7785, 181.9557

■ 10.9238, 10.8509,
13.3692

191.0630,
196.6421, 224.5608

■ 6.0825, 5.9667,
7.5496

232.9509,
240.0920, 273.3459

■ 2.9365, 2.8248,
3.7245

280.5529,

■ 1.1203, 1.0410,

289.5126, 328.7295

1.4755

334.2343,
345.2884, 391.1301

■ 0.0420, 0.0000,
0.1995

■ 0.0000, 0.0000,
0.0000

■ 54.5480, 55.4998,
64.9643

■ 54.5480, 55.4998,
64.9643

■ 49.2266, 46.4742,
63.5035

■ 60.5250, 65.7918,
66.6367

■ 44.5307, 38.6572,
62.2421

■ 67.1770, 77.3906,
68.5249

■ 40.4345, 31.9971,
61.1725

■ 74.4626, 90.2129,
70.6158

■ 36.9090, 26.4360,
60.2849

■ 75.6707, 90.8356,
70.6724

■ 33.9224, 21.9104,
59.5688

■ 76.9088, 91.4739,
70.7303

■ 31.4395, 18.3508,
59.0126

■ 78.1773, 92.1278,
70.7897

■ 29.4210, 15.6786,
58.6032

■ 79.4762, 92.7975,
70.8504

■ 27.8213, 13.8032,
58.3255

■ 80.8059, 93.4829,
70.9127

■ 26.5850, 12.6137,
58.1611

■ 82.1664, 94.1843,
70.9763

Harmonies

Analogous

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



53.5210, 55.4998, 67.0342



54.5480, 55.4998, 64.9643



55.0965, 55.4998, 61.7269

Triad

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



54.5480, 55.4998, 64.9643



53.2019, 55.4998, 54.0483



50.5553, 55.4998, 62.6513

Complementary

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



54.5480, 55.4998, 64.9643



54.0976, 58.8181, 59.5436

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.



50.4729, 55.4998, 59.1511



54.5480, 55.4998, 64.9643



51.9882, 55.4998, 54.2742

Square

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



54.5480, 55.4998, 64.9643



54.3113, 55.4998, 55.4820



50.9937, 55.4998, 56.1115



51.2207, 55.4998, 65.6635

Rectangle

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



54.5480, 55.4998, 64.9643



55.1113, 55.4998, 59.3819



50.9937, 55.4998, 56.1115



50.4589, 55.4998, 61.4900

Sweetspot

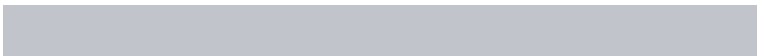
The Sweet Spot groups the original color and five complimentary colors.



54.5496, 55.5022, 64.9655



94.0544, 98.2872, 108.6219



52.9271, 55.3866, 65.0287



20.1420, 21.0556, 23.2525



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.



54.5496, 55.5022, 64.9655



89.2446, 90.0477, 107.2850



54.7576, 55.6483, 63.2178



11.7969, 11.8606, 14.2379



16.4680, 7.6971, 36.5740



0.9069, 0.4267, 1.8895

Inverse Universe

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



54.1594, 55.4091, 60.0680



88.4534, 89.8603, 97.2878



53.9020, 58.6801, 61.2110



11.6837, 11.8339, 12.8045



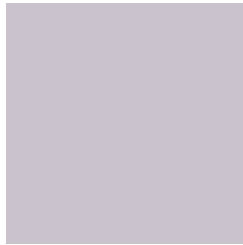
15.9503, 8.1907, 2.1911



0.8505, 0.4336, 0.2586

Previews

White Background



This preview shows how the XYZ color 54.5480, 55.4998, 64.9643 looks on a white background.

Color Contrast Check

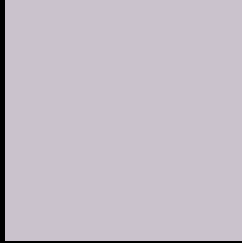
Large Text (above 18pt) WCAG AA × Fail

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 54.5480, 55.4998, 64.9643 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

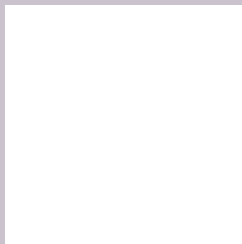
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.5480, 55.4998, 64.9643

Background



This preview shows how black text looks on a background with the XYZ color 54.5480, 55.4998, 64.9643.



This preview shows how white text looks on a background with the XYZ color 54.5480, 55.4998,

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

54.5480, 55.4998, 64.9643

Protanopia

53.8233, 55.4438, 65.6225

Deuteranopia

56.8016, 55.6664, 65.5085



Tritanopia

55.2072, 55.4399, 68.1128

Trichromacy



Original Color

54.5480, 55.4998, 64.9643

Protanomaly

54.0877, 55.5801, 65.6349

Deuteranomaly

55.8815, 55.5169, 65.5282

Tritanomaly

54.9611, 55.3414, 66.8167

Monochromacy



Original Color

54.5480, 55.4998, 64.9643

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.9448, 56.2447, 62.6567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5480, 55.4998, 64.9643 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(202, 194, 204)` looks like.

```
.text, #text, p{  
    color:rgb(202, 194, 204)  
}
```

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(202, 194, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 194, 204) }
```

Border

The CSS property to change the border of an element to XYZ 54.5480, 55.4998, 64.9643 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(202, 194, 204) }
```


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

```
.border{ border-color:rgb(202, 194, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 194, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 194, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 194, 204);  
box-shadow:4px 4px 4px 4px rgb(202, 194,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5480, 55.4998, 64.9643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 194, 204) }
```

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

```
.background{ background-color: rgb(202,  
194, 204) }
```

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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