

Converting Colors

XYZ(55.9700, 58.7773, 64.2168)

Have a look what the booklet for
XYZ(55.9700, 58.7773, 64.2168)
contains.

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Color

**XYZ(55.9044, 58.5941,
64.2404)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | CAC9CA |
| RGB | 202, 201, 202 |
| RGB Percent | 79%, 79%, 79% |
| CMY | 0.2078, 0.2117, 0.2078 |
| CMYK | 0.00, 0.00, 0.00, 0.21 |
| HSL | 300°, 1%, 79% |
| HSV | 300°, 0%, 79% |
| XYZ | 55.9044, 58.5941, 64.2404 |
| YIQ | 201.4130, 0.2750, 0.5230 |

Conversions

Conversions Part 2

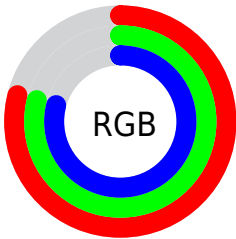
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 202, 201, 202 |
| Decimal | 13289930 |
| CIE Lab | 81.07, 0.53, -0.39 |
| CIE LCh | 81, 0.656, 324.072 |
| Yxy | 58.5941, 0.3128, 0.3278 |
| Android (android.graphics.Color) | 4291480010 (0xFFCAC9CA) |
| YUV | 201.4130, 0.2894, 0.5148 |
| Hunter-Lab | 76.5468, -3.5930, 3.8248 |

Details

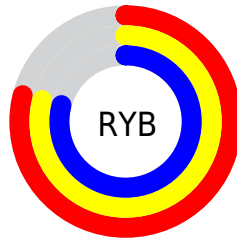
The XYZ color **55.9044, 58.5941, 64.2404** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7528, 58.8772, 63.6873**, and the grayscale version is **55.7732, 58.6777, 63.9000**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.9918, 29.3015, 32.1974** is the 20% darker color. If you saturate the color by 10%, you get **51.5017, 49.7890, 62.7738**, and if you desaturate by 10%, it is **60.9297, 68.6427, 65.9160**.

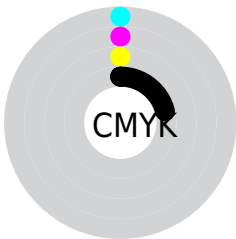
Distribution



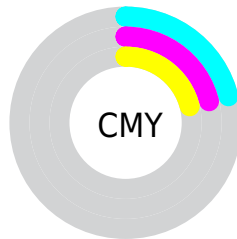
- Red (79%)
- Green (79%)
- Blue (79%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9044, 58.5941, 64.2404 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 55.9044, 58.5941, 64.2404 by changing the saturation by 10% instead.

■ 55.9044, 58.5941,
64.2404

■ 55.9044, 58.5941,
64.2404

399.4120,
419.3961, 458.2885

■ 40.3630, 42.2865,
46.3980

98.0054, 102.7875,
112.5599

■ 28.0071, 29.3257,
32.2091

125.2957,
131.4420, 143.8740

■ 18.4715, 19.3273,
21.2551

157.2330,
164.9810, 180.5158

■ 11.3908, 11.9070,
13.1175

194.1827,
203.7888, 222.9038

■ 6.3995, 6.6804,
7.3779

236.5100,
248.2498, 271.4565

■ 3.1325, 3.2630,
3.6175

284.5805,

■ 1.2242, 1.2706,

298.7484, 326.5925

1.4179

338.7593,
355.6690, 388.7303

■ 0.1253, 0.1182,
0.1557

■ 0.0000, 0.0000,
0.0000

■ 55.9044, 58.5941,
64.2404

■ 55.9044, 58.5941,
64.2404

■ 51.5017, 49.7890,
62.7738

■ 60.9297, 68.6427,
65.9160

■ 47.6925, 42.1720,
61.5043

■ 66.5953, 79.9726,
67.8043

■ 44.4532, 35.6944,
60.4247

■ 70.7807, 88.3423,
69.1992

■ 41.7561, 30.3015,
59.5260

■ 70.7815, 88.3427,
69.1992

39.5718, 25.9341,
58.7981

70.7823, 88.3431,
69.1993

37.8678, 22.5272,
58.2303

70.7831, 88.3436,
69.1993

36.6078, 20.0085,
57.8105

70.7839, 88.3440,
69.1993

35.7507, 18.2954,
57.5251

70.7848, 88.3444,
69.1994

35.2473, 17.2900,
57.3575

70.7856, 88.3448,
69.1994

Harmonies

Analogous

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



55.7989, 58.5941, 64.4867



55.9044, 58.5941, 64.2404



55.9530, 58.5941, 63.8766

Triad

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



55.9044, 58.5941, 64.2404



55.7190, 58.5941, 63.0554



55.4530, 58.5941, 64.1056

Complementary

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



55.9044, 58.5941, 64.2404



55.7528, 58.8772, 63.6873

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.



55.4317, 58.5941, 63.7215



55.9044, 58.5941, 64.2404



55.5851, 58.5941, 63.1162

Square

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



55.9044, 58.5941, 64.2404



55.8458, 58.5941, 63.1932



55.4800, 58.5941, 63.3597



55.5383, 58.5941, 64.4087

Rectangle

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



55.9044, 58.5941, 64.2404



55.9465, 58.5941, 63.6167



55.4800, 58.5941, 63.3597



55.4381, 58.5941, 63.9817

Sweetspot

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



55.9061, 58.5966, 64.2417

95.0500, 100.0000, 108.9000



55.6412, 58.4658, 64.2304



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.



55.9061, 58.5966, 64.2417



94.2418, 98.3837, 108.6306



55.8491, 58.5739, 63.9418



12.5295, 13.0876, 14.4361



22.5284, 10.8214, 36.8576



1.1623, 0.5583, 1.9014

Inverse Universe

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



55.7885, 58.5496, 63.6223



93.8341, 98.2207, 106.4830



55.8095, 58.8999, 63.9862



12.4792, 13.0675, 14.1714



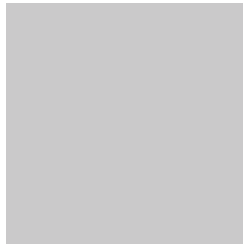
15.6737, 8.0801, 0.7342



0.8086, 0.4168, 0.0380

Previews

White Background



This preview shows how the XYZ color 55.9044, 58.5941, 64.2404 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 55.9044, 58.5941, 64.2404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

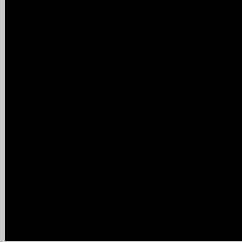
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

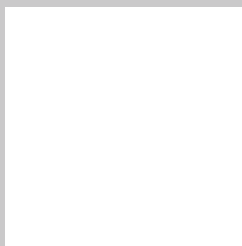
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.9044, 58.5941, 64.2404

Background



This preview shows how black text looks on a background with the XYZ color 55.9044, 58.5941, 64.2404.

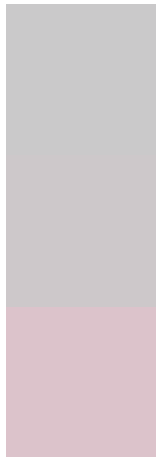


This preview shows how white text looks on a background with the XYZ color 55.9044, 58.5941,

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

55.9044, 58.5941, 64.2404

Protanopia

56.4918, 58.5520, 64.2013

Deuteranopia

59.8098, 58.5577, 64.6504



Tritanopia

57.5910, 58.5905, 72.5637

Trichromacy



Original Color

55.9044, 58.5941, 64.2404

Protanomaly

56.2168, 58.4102, 64.1885

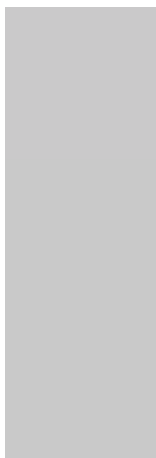
Deuteranomaly

58.1863, 58.3904, 64.7036

Tritanomaly

56.9157, 58.6582, 69.2952

Monochromacy



Original Color

55.9044, 58.5941, 64.2404

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.5167, 58.4078, 63.6061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9044, 58.5941, 64.2404 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, 201, 202)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 55.9044, 58.5941, 64.2404 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, 201, 202) }
```

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

```
.border{ border-color:rgb(202, 201, 202) }
```

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

Here you see how a box with a 4 pixel rgb(202, 201, 202) colored shadow looks like.

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


Background

The CSS property to change the background color of an element to XYZ 55.9044, 58.5941, 64.2404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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