

Converting Colors

XYZ(55.4229, 58.6324, 58.6989)

Have a look what the booklet for
XYZ(55.4229, 58.6324, 58.6989)
contains.

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Color

**XYZ(55.4141, 58.4609,
58.8155)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC9C1
RGB	204, 201, 193
RGB Percent	80%, 79%, 76%
CMY	0.2000, 0.2117, 0.2431
CMYK	0.00, 0.01, 0.05, 0.20
HSL	44°, 10%, 78%
HSV	44°, 5%, 80%
XYZ	55.4141, 58.4609, 58.8155
YIQ	200.9850, 4.3560, -1.8520

Conversions

Conversions Part 2

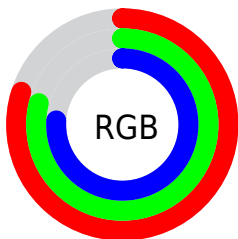
Format	Color
RYB	197, 204, 193
Decimal	13420993
CIELab	80.99, -0.38, 4.35
CIELCh	81, 4.366, 94.988
Yxy	58.4609, 0.3209, 0.3385
Android (android.graphics.Color)	4291611073 (0xFFCCC9C1)
YUV	200.9850, -3.9366, 2.6442
Hunter-Lab	76.4597, -4.4369, 7.9139

Details

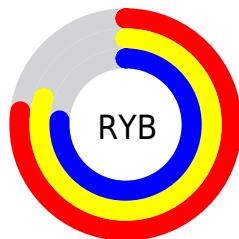
The XYZ color **55.4141, 58.4609, 58.8155** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.6313, 55.1761, 65.0035**, and the grayscale version is **55.5312, 58.4231, 63.6228**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **27.7450, 29.2449, 28.9935** is the 20% darker color. If you saturate the color by 10%, you get **52.0221, 55.0707, 47.2210**, and if you desaturate by 10%, it is **59.1702, 62.0755, 72.0815**.

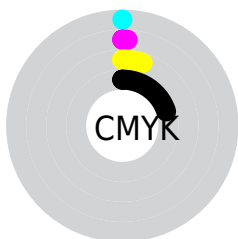
Distribution



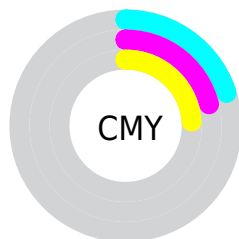
- Red (80%)
- Green (79%)
- Blue (76%)



- Red (77%)
- Yellow (80%)
- Blue (76%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4141, 58.4609, 58.8155 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 55.4141, 58.4609, 58.8155 by changing the saturation by 10% instead.

■ 55.4141, 58.4609,
58.8155

■ 55.4141, 58.4609,
58.8155

397.5907,
418.9012, 437.9007

■ 39.9685, 42.1793,
42.0456

■ 97.2922, 102.5937,
104.6359

■ 27.6981, 29.2417,
28.8111

124.4554,
131.2138, 134.5236

■ 18.2375, 19.2637,
18.6937

156.2552,
164.7154, 169.6208

■ 11.2214, 11.8610,
11.2746

193.0570,
203.4830, 210.3463

■ 6.2843, 6.6491,
6.1353

235.2261,
247.9010, 257.1184

■ 3.0610, 3.2436,
2.8574

283.1278,

■ 1.1861, 1.2602,

298.3537, 310.3559

1.0223

337.1275,
355.2257, 370.4771

■ 0.0954, 0.1101,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4141, 58.4609,
58.8155

■ 55.4141, 58.4609,
58.8155

■ 52.0221, 55.0707,
47.2210

■ 59.1702, 62.0755,
72.0815

■ 48.9761, 51.8912,
37.2269

■ 63.2979, 65.9127,
87.0788

■ 46.2636, 48.9184,
28.7624

■ 67.8110, 69.9805,
103.8690

■ 43.8693, 46.1456,
21.7498

■ 69.4017, 72.9566,
105.0319

■ 41.7767, 43.5652,
16.1048

■ 70.9128, 75.9788,
105.5356

■ 39.9676, 41.1692,
11.7342

■ 72.4731, 79.0995,
106.0557

■ 38.4217, 38.9486,
8.5331

■ 74.0831, 82.3195,
106.5924

■ 37.1153, 36.8929,
6.3798

■ 75.7432, 85.6396,
107.1458

■ 36.0195, 34.9899,
5.1252

■ 77.4538, 89.0608,
107.7159

Harmonies

Analogous

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



56.3046, 58.4609, 59.2421



55.4141, 58.4609, 58.8155



54.5731, 58.4609, 59.6563

Triad

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



55.4141, 58.4609, 58.8155



54.1513, 58.4609, 66.5557



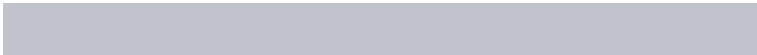
57.1578, 58.4609, 65.7852

Complementary

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



55.4141, 58.4609, 58.8155



52.6313, 55.1761, 65.0035

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.



56.5695, 58.4609, 67.8264



55.4141, 58.4609, 58.8155



54.8326, 58.4609, 68.2796

Square

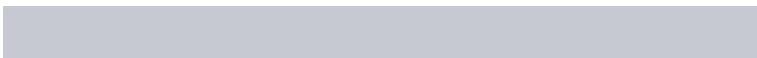
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.4141, 58.4609, 58.8155



53.8491, 58.4609, 64.0885



55.7168, 58.4609, 68.7508



57.3176, 58.4609, 63.2215

Rectangle

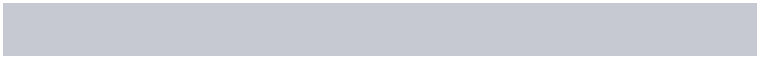
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.4141, 58.4609, 58.8155



54.1517, 58.4609, 60.8363



55.7168, 58.4609, 68.7508



57.0033, 58.4609, 66.5574

Sweetspot

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



55.4157, 58.4634, 58.8168



93.7981, 98.7927, 104.4855



53.9497, 54.9690, 60.0616



20.0898, 21.1584, 22.4104



0.0000, 0.0000, 0.0000



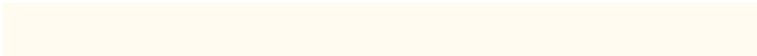
20.3446, 21.4041, 23.3091

Same Dimension

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



55.4157, 58.4634, 58.8168



91.3685, 96.4233, 96.0005



55.4727, 59.5399, 59.0215



12.1012, 12.7734, 12.6208



22.4627, 21.6584, 2.9966



1.2198, 1.2394, 0.1749

Inverse Universe

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



52.6313, 55.1761, 65.0035



86.1942, 90.3144, 107.4972



52.5747, 54.1537, 64.8091



11.3597, 11.8981, 14.2682



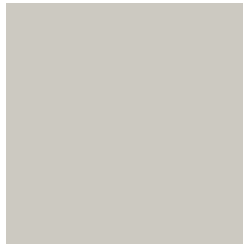
7.8040, 4.6320, 36.4390



0.4670, 0.3678, 1.9013

Previews

White Background



This preview shows how the XYZ color 55.4141, 58.4609, 58.8155 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 55.4141, 58.4609, 58.8155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

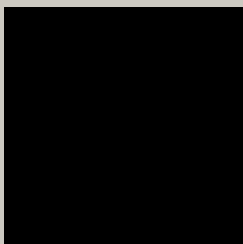
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

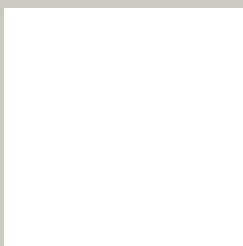
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.4141, 58.4609, 58.8155

Background



This preview shows how black text looks on a background with the XYZ color 55.4141, 58.4609, 58.8155.

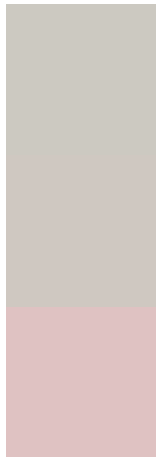


This preview shows how white text looks on a background with the XYZ color 55.4141, 58.4609,

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

55.4141, 58.4609, 58.8155

Protanopia

56.0120, 58.4242, 58.7769

Deuteranopia

59.4608, 58.1666, 59.1323



Tritanopia

58.0638, 58.5086, 71.8513

Trichromacy



Original Color

55.4141, 58.4609, 58.8155

Protanomaly

55.7335, 58.2806, 58.7639

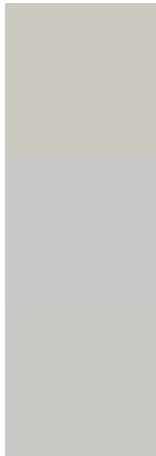
Deuteranomaly

58.0228, 58.4265, 59.2582

Tritanomaly

57.0176, 58.4249, 66.6645

Monochromacy



Original Color

55.4141, 58.4609, 58.8155

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.4368, 58.4071, 61.7779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4141, 58.4609, 58.8155 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(204, 201, 193) looks like.

```
.text, #text, p{  
    color:rgb(204, 201, 193)  
}
```

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(204, 201, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 201, 193) }
```

Border

The CSS property to change the border of an element to XYZ 55.4141, 58.4609, 58.8155 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(204, 201, 193) }
```


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

```
.border{ border-color:rgb(204, 201, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 201, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 201, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 201, 193);  
box-shadow:4px 4px 4px 4px rgb(204, 201,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4141, 58.4609, 58.8155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 201, 193) }
```

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

```
.background{ background-color: rgb(204,  
201, 193) }
```

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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