

Converting Colors

XYZ(54.4094, 56.0923, 54.8927)

Have a look what the booklet for
XYZ(54.4094, 56.0923, 54.8927)
contains.

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Color

**XYZ(54.2169, 55.8835,
54.9428)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC3BB
RGB	207, 195, 187
RGB Percent	81%, 76%, 73%
CMY	0.1882, 0.2353, 0.2667
CMYK	0.00, 0.06, 0.10, 0.19
HSL	24°, 17%, 77%
HSV	24°, 10%, 81%
XYZ	54.2169, 55.8835, 54.9428
YIQ	197.6760, 9.7200, 0.0560

Conversions

Conversions Part 2

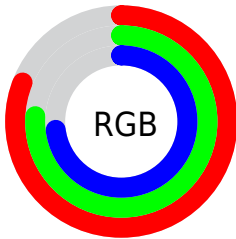
Format	Color
R_{YB}	207, 200, 187
Decimal	13616059
CIE Lab	79.55, 2.83, 5.51
CIE LCh	80, 6.194, 62.844
Yxy	55.8835, 0.3285, 0.3386
Android (android.graphics.Color)	4291806139 (0xFFCFC3BB)
YUV	197.6760, -5.2633, 8.1771
Hunter-Lab	74.7553, -1.3631, 8.7524

Details

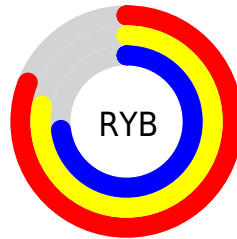
The XYZ color **54.2169, 55.8835, 54.9428** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.1793, 55.9157, 67.0748**, and the grayscale version is **53.5080, 56.2945, 61.3048**.

A 20% lighter version of the original color is **92.2281, 97.3519, 98.7239**, and **26.9648, 27.5433, 26.4494** is the 20% darker color. If you saturate the color by 10%, you get **49.4918, 49.7274, 43.2114**, and if you desaturate by 10%, it is **59.4959, 62.6349, 68.4362**.

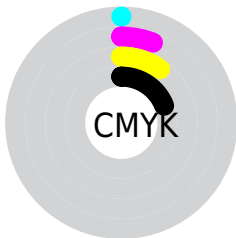
Distribution



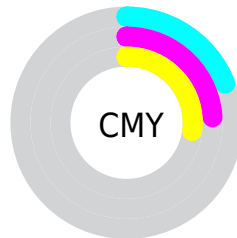
- Red (81%)
- Green (76%)
- Blue (73%)



- Red (81%)
- Yellow (78%)
- Blue (73%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (19%)



- Cyan (19%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2169, 55.8835, 54.9428 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 54.2169, 55.8835, 54.9428 by changing the saturation by 10% instead.

■ 54.2169, 55.8835,
54.9428

■ 54.2169, 55.8835,
54.9428

393.1214,
409.2523, 422.9709

■ 39.0065, 40.1095,
38.9576

■ 95.5477, 98.8342,
98.9275

■ 26.9455, 27.6240,
26.4192

122.3987,
126.7798, 127.7640

■ 17.6687, 18.0424,
16.9089

153.8607,
159.5513, 161.7215

■ 10.8106, 10.9804,
10.0083

190.2989,
197.5332, 201.2184

■ 6.0060, 6.0537,
5.2988

232.0787,
241.1098, 246.6732

■ 2.8894, 2.8777,
2.3618

279.5655,

■ 1.0956, 1.0682,

290.6656, 298.5045

0.7655

333.1246,
346.5850, 357.1309

■ 0.0214, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2169, 55.8835,
54.9428

■ 54.2169, 55.8835,
54.9428

■ 49.4918, 49.7274,
43.2114

■ 59.4959, 62.6349,
68.4362

■ 45.2969, 44.1428,
33.1648

■ 65.3424, 69.9904,
83.7571

■ 41.6132, 39.1145,
24.7256

■ 71.7752, 77.9674,
100.9721

■ 38.4189, 34.6242,
17.8086

■ 76.3349, 85.5906,
107.1051

■ 35.6904, 30.6522,
12.3208

■ 79.5424, 92.0055,
108.1743

■ 33.4018, 27.1778,
8.1589

■ 31.5244, 24.1780,
5.2053

■ 30.0249, 21.6280,
3.3212

■ 28.8494, 19.4935,
2.2622

Harmonies

Analogous

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



55.1546, 55.8835, 57.2006



54.2169, 55.8835, 54.9428



52.9968, 55.8835, 54.2469

Triad

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



54.2169, 55.8835, 54.9428



50.7578, 55.8835, 61.1889



54.4260, 55.8835, 66.7980

Complementary

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



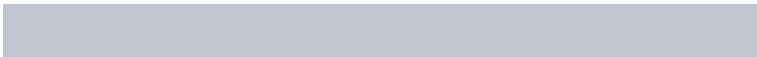
54.2169, 55.8835, 54.9428



52.1793, 55.9157, 67.0748

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.



53.2346, 55.8835, 67.9632



54.2169, 55.8835, 54.9428



51.1275, 55.8835, 64.6465

Square

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



54.2169, 55.8835, 54.9428



51.0117, 55.8835, 57.7686



52.0293, 55.8835, 67.1611



55.2766, 55.8835, 64.0342

Rectangle

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



54.2169, 55.8835, 54.9428



52.1906, 55.8835, 54.7392



52.0293, 55.8835, 67.1611



54.0514, 55.8835, 67.3944

Sweetspot

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



54.2184, 55.8860, 54.9440



92.3962, 96.6242, 102.0597



53.8120, 52.9304, 61.4139



19.6278, 20.4917, 21.4634



0.0000, 0.0000, 0.0000



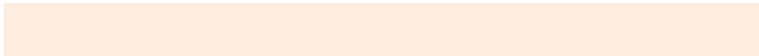
20.3446, 21.4041, 23.3091

Same Dimension

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



54.2184, 55.8860, 54.9440



84.9306, 87.0270, 83.1273



56.5338, 60.5166, 55.7158



12.1915, 12.5736, 12.3964



18.2406, 12.4141, 1.4348



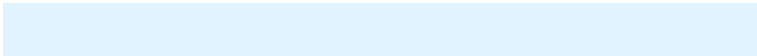
1.0967, 0.8477, 0.1058

Inverse Universe

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



52.1793, 55.9157, 67.0748



80.8917, 87.0854, 107.1535



49.9544, 51.4658, 66.3331



11.7449, 12.5801, 15.0528



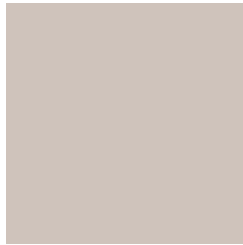
11.7445, 12.1356, 38.9159



0.7332, 0.8316, 2.2014

Previews

White Background



This preview shows how the XYZ color 54.2169, 55.8835, 54.9428 looks on a white background.

Color Contrast Check

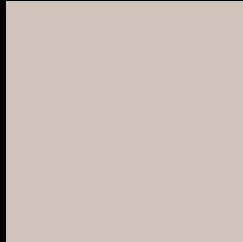
Large Text (above 18pt) WCAG AA × Fail

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 54.2169, 55.8835, 54.9428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

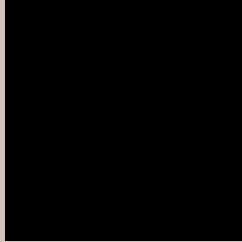
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.2169, 55.8835, 54.9428

Background



This preview shows how black text looks on a background with the XYZ color 54.2169, 55.8835, 54.9428.

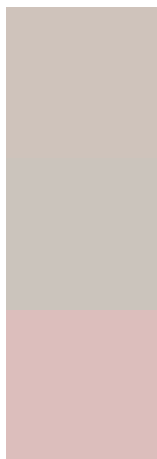


This preview shows how white text looks on a background with the XYZ color 54.2169, 55.8835,

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

54.2169, 55.8835, 54.9428

Protanopia

53.4456, 55.8072, 55.5319

Deuteranopia

57.0058, 55.6734, 55.3185



Tritanopia

56.6905, 55.9059, 66.8345

Trichromacy



Original Color

54.2169, 55.8835, 54.9428

Protanomaly

53.7189, 55.9481, 55.5447

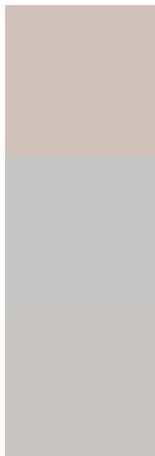
Deuteranomaly

55.9511, 55.7772, 55.3941

Tritanomaly

55.7898, 55.8654, 62.4862

Monochromacy



Original Color

54.2169, 55.8835, 54.9428

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.7913, 56.2451, 59.0602

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2169, 55.8835, 54.9428 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(207, 195, 187)` looks like.

```
.text, #text, p{  
    color:rgb(207, 195, 187)  
}
```

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(207, 195, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 195, 187) }
```

Border

The CSS property to change the border of an element to XYZ 54.2169, 55.8835, 54.9428 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(207, 195, 187) }
```


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

```
.border{ border-color:rgb(207, 195, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 195, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 195, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 195, 187);  
box-shadow:4px 4px 4px 4px rgb(207, 195,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2169, 55.8835, 54.9428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 195, 187) }
```

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

```
.background{ background-color: rgb(207,  
195, 187) }
```

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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