

Converting Colors

XYZ(55.9511, 58.9351, 55.4411)

Have a look what the booklet for
XYZ(55.9511, 58.9351, 55.4411)
contains.

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Color

**XYZ(55.8687, 58.7710,
55.4131)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C9BB
RGB	208, 201, 187
RGB Percent	82%, 79%, 73%
CMY	0.1843, 0.2117, 0.2667
CMYK	0.00, 0.03, 0.10, 0.18
HSL	40°, 18%, 77%
HSV	40°, 10%, 82%
XYZ	55.8687, 58.7710, 55.4131
YIQ	201.4970, 8.6660, -2.8700

Conversions

Conversions Part 2

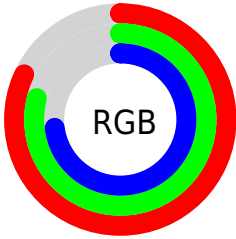
Format	Color
RYB	198, 208, 187
Decimal	13683131
CIELab	81.17, 0.02, 7.85
CIELCh	81, 7.848, 89.843
Yxy	58.7710, 0.3285, 0.3456
Android (android.graphics.Color)	4291873211 (0xFFD0C9BB)
YUV	201.4970, -7.1470, 5.7031
Hunter-Lab	76.6622, -4.0745, 10.8075

Details

The XYZ color **55.8687, 58.7710, 55.4131** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.1704, 53.7016, 67.3436**, and the grayscale version is **55.8664, 58.7758, 64.0069**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **28.0632, 29.4587, 26.7613** is the 20% darker color. If you saturate the color by 10%, you get **52.2227, 54.7878, 43.9960**, and if you desaturate by 10%, it is **59.9134, 63.0342, 68.5557**.

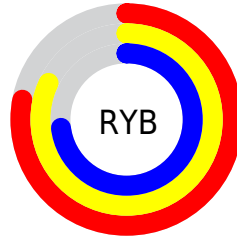
Distribution



Red (82%)

Green (79%)

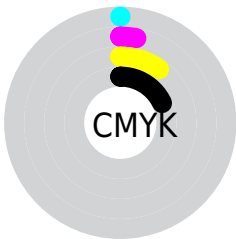
Blue (73%)



Red (78%)

Yellow (82%)

Blue (73%)

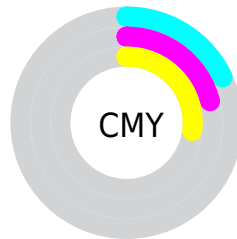


Cyan (0%)

Magenta (3%)

Yellow (10%)

Black (18%)



Cyan (18%)

Magenta (21%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.8687, 58.7710, 55.4131 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 55.8687, 58.7710, 55.4131 by changing the saturation by 10% instead.

■ 55.8687, 58.7710,
55.4131

■ 55.8687, 58.7710,
55.4131

399.2795,
420.0528, 424.8019

■ 40.3342, 42.4288,
39.3317

■ 97.9535, 103.0448,
99.6232

■ 27.9846, 29.4372,
26.7081

125.2346,
131.7451, 128.5889

■ 18.4545, 19.4118,
17.1236

157.1619,
165.3337, 162.6866

■ 11.3784, 11.9682,
10.1598

194.1008,
204.1948, 202.3347

■ 6.3911, 6.7220,
5.3980

236.4166,
248.7128, 247.9517

■ 3.1272, 3.2889,
2.4198

284.4748,

■ 1.2214, 1.2843,

299.2722, 299.9562

0.7972

338.6407,
356.2574, 358.7668

■ 0.1232, 0.1290,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.8687, 58.7710,
55.4131

■ 55.8687, 58.7710,
55.4131

■ 52.2227, 54.7878,
43.9960

■ 59.9134, 63.0342,
68.5557

■ 48.9558, 51.0694,
34.2278

■ 64.3658, 67.5767,
83.4887

■ 46.0539, 47.6105,
26.0312

■ 69.2409, 72.4077,
100.2782

■ 43.4999, 44.4027,
19.3217

■ 72.0055, 76.5156,
105.5816

41.2753, 41.4371,
14.0066

73.9583, 80.4212,
106.2326

39.3595, 38.7037,
9.9825

75.9884, 84.4815,
106.9093

37.7292, 36.1914,
7.1318

78.0968, 88.6983,
107.6121

36.3569, 33.8877,
5.3150

79.8227, 92.1500,
108.1874

35.2027, 31.7900,
4.2807

Harmonies

Analogous

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



57.4525, 58.7710, 56.5263



55.8687, 58.7710, 55.4131



54.3120, 58.7710, 56.5036

Triad

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



55.8687, 58.7710, 55.4131



53.1803, 58.7710, 68.5720



58.6195, 58.7710, 68.6168

Complementary

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



55.8687, 58.7710, 55.4131



51.1704, 53.7016, 67.3436

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.



57.4373, 58.7710, 72.1136



55.8687, 58.7710, 55.4131



54.2973, 58.7710, 72.0869

Square

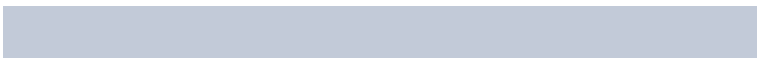
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



55.8687, 58.7710, 55.4131



52.7784, 58.7710, 63.9669



55.8514, 58.7710, 73.4128



59.0595, 58.7710, 64.0163

Rectangle

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



55.8687, 58.7710, 55.4131



53.4943, 58.7710, 58.3654



55.8514, 58.7710, 73.4128



58.2946, 58.7710, 69.9683

Sweetspot

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



55.8703, 58.7736, 55.4144



93.0349, 97.9017, 102.2726



53.5211, 52.8465, 58.4193



19.8002, 20.8364, 21.5208



0.0000, 0.0000, 0.0000



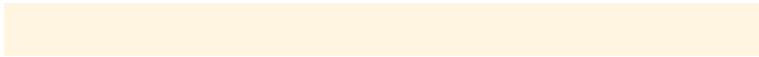
20.3446, 21.4041, 23.3091

Same Dimension

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



55.8703, 58.7736, 55.4144



87.3425, 91.8508, 83.9313



56.5653, 61.6084, 55.9249



12.4578, 13.1063, 12.4852



22.0321, 19.9971, 2.6986



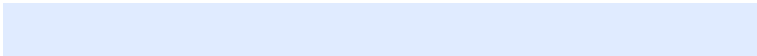
1.3032, 1.2607, 0.1747

Inverse Universe

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



51.1704, 53.7016, 67.3436



78.5069, 82.3160, 106.3586



50.5166, 51.1073, 66.8773



11.4809, 12.0520, 14.9648



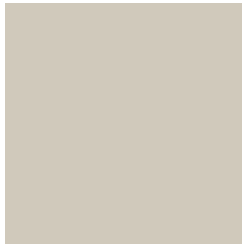
8.5134, 5.6734, 37.8389



0.5484, 0.4619, 2.1398

Previews

White Background



This preview shows how the XYZ color 55.8687, 58.7710, 55.4131 looks on a white background.

Color Contrast Check

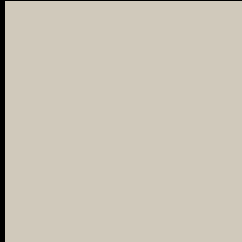
Large Text (above 18pt) WCAG AA × Fail

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 55.8687, 58.7710, 55.4131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

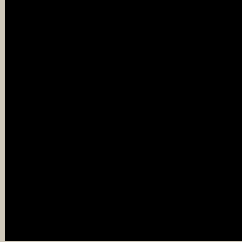
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

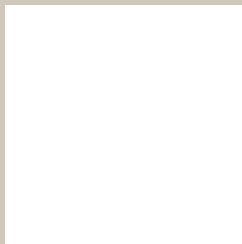
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.8687, 58.7710, 55.4131

Background



This preview shows how black text looks on a background with the XYZ color 55.8687, 58.7710, 55.4131.

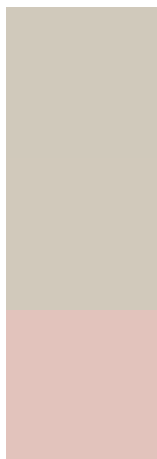


This preview shows how white text looks on a background with the XYZ color 55.8687, 58.7710,

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

55.8687, 58.7710, 55.4131

Protanopia

56.1508, 58.9165, 55.4263

Deuteranopia

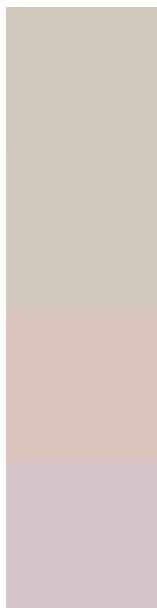
59.9562, 58.8298, 55.7722



Tritanopia

59.1279, 58.7336, 71.1711

Trichromacy



Original Color

55.8687, 58.7710, 55.4131

Protanomaly

56.1508, 58.9165, 55.4263

Deuteranomaly

58.2568, 58.6234, 55.8219

Tritanomaly

57.9571, 58.5967, 65.3824

Monochromacy



Original Color

55.8687, 58.7710, 55.4131

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.1004, 59.1096, 61.2758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8687, 58.7710, 55.4131 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(208, 201, 187) looks like.

```
.text, #text, p{  
    color:rgb(208, 201, 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(208, 201, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 201, 187) }
```

Border

The CSS property to change the border of an element to XYZ 55.8687, 58.7710, 55.4131 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(208, 201, 187) }
```


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

```
.border{ border-color:rgb(208, 201, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 201, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 201, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 201, 187);  
box-shadow:4px 4px 4px 4px rgb(208, 201,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8687, 58.7710, 55.4131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 201, 187) }
```

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

```
.background{ background-color: rgb(208,  
201, 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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