

Converting Colors

XYZ(55.4329, 58.1296, 59.1051)

Have a look what the booklet for
XYZ(55.4329, 58.1296, 59.1051)
contains.

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Color

**XYZ(55.5687, 58.1827,
59.3405)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC8C2
RGB	205, 200, 194
RGB Percent	80%, 78%, 76%
CMY	0.1961, 0.2157, 0.2392
CMYK	0.00, 0.02, 0.05, 0.20
HSL	33°, 10%, 78%
HSV	33°, 5%, 80%
XYZ	55.5687, 58.1827, 59.3405
YIQ	200.8110, 4.9060, -0.8060

Conversions

Conversions Part 2

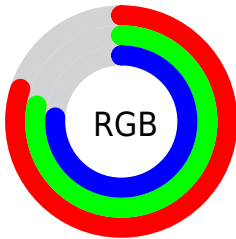
Format	Color
R _Y B	203, 205, 194
Decimal	13486274
CIE Lab	80.84, 0.67, 3.60
CIE LCh	81, 3.663, 79.417
Yxy	58.1827, 0.3210, 0.3361
Android (android.graphics.Color)	4291676354 (0xFFC8C8C2)
YUV	200.8110, -3.3578, 3.6738
Hunter-Lab	76.2776, -3.4474, 7.2694

Details

The XYZ color **55.5687, 58.1827, 59.3405** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.6909, 56.7231, 65.8772**, and the grayscale version is **55.4197, 58.3058, 63.4950**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **27.7750, 29.0305, 28.9505** is the 20% darker color. If you saturate the color by 10%, you get **51.3326, 53.1439, 47.3422**, and if you desaturate by 10%, it is **60.2571, 63.6163, 73.0579**.

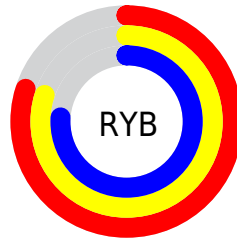
Distribution



Red (80%)

Green (78%)

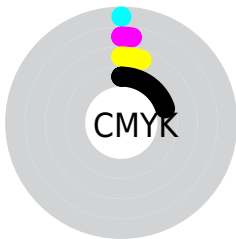
Blue (76%)



Red (80%)

Yellow (80%)

Blue (76%)

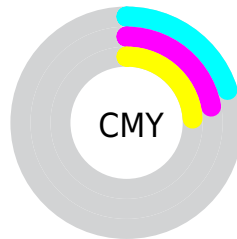


Cyan (0%)

Magenta (2%)

Yellow (5%)

Black (20%)



Cyan (20%)

Magenta (22%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5687, 58.1827, 59.3405 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 55.5687, 58.1827, 59.3405 by changing the saturation by 10% instead.

■ 55.5687, 58.1827,
59.3405

■ 55.5687, 58.1827,
59.3405

398.1655,
417.8664, 439.8996

■ 40.0929, 41.9555,
42.4655

■ 97.5172, 102.1889,
105.4064

■ 27.7955, 29.0665,
29.1376

124.7205,
130.7367, 135.4343

■ 18.3112, 19.1311,
18.9385

156.5637,
164.1601, 170.6836

■ 11.2747, 11.7651,
11.4495

193.4122,
202.8437, 211.5728

■ 6.3206, 6.5839,
6.2521

235.6312,
247.1717, 258.5204

■ 3.0835, 3.2033,
2.9277

283.5862,

■ 1.1981, 1.2388,

297.5285, 311.9451

1.0578

337.6425,
354.2986, 372.2653

■ 0.1048, 0.0930,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5687, 58.1827,
59.3405

■ 55.5687, 58.1827,
59.3405

■ 51.3326, 53.1439,
47.3422

■ 60.2571, 63.6163,
73.0579

■ 47.5287, 48.4826,
36.9905

■ 65.4073, 69.4465,
88.5557

■ 44.1424, 44.1910,
28.2132

■ 70.9538, 75.6526,
105.4705

■ 41.1563, 40.2582,
20.9309

■ 73.5839, 80.9128,
106.3472

■ 38.5518, 36.6727,
15.0578

■ 76.3541, 86.4532,
107.2706

■ 36.3085, 33.4221,
10.4988

■ 78.9871, 91.7193,
108.1483

■ 34.4033, 30.4931,
7.1471

■ 32.8103, 27.8707,
4.8786

■ 31.4979, 25.5376,
3.5419

Harmonies

Analogous

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



56.2534, 58.1827, 60.2371



55.5687, 58.1827, 59.3405



54.8184, 58.1827, 59.4998

Triad

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



55.5687, 58.1827, 59.3405



53.9393, 58.1827, 64.7472



56.4139, 58.1827, 66.1022

Complementary

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



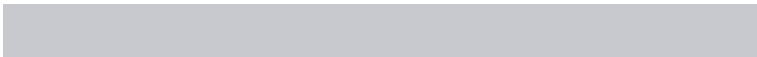
55.5687, 58.1827, 59.3405



53.6909, 56.7231, 65.8772

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.



55.7863, 58.1827, 67.3651



55.5687, 58.1827, 59.3405



54.3593, 58.1827, 66.5705

Square

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



55.5687, 58.1827, 59.3405



53.8822, 58.1827, 62.5885



55.0340, 58.1827, 67.5384



56.7443, 58.1827, 64.1199

Rectangle

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



55.5687, 58.1827, 59.3405



54.3817, 58.1827, 60.1844



55.0340, 58.1827, 67.5384



56.2304, 58.1827, 66.6269

Sweetspot

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



55.5703, 58.1852, 59.3418



93.5051, 98.2068, 104.3878



54.7937, 55.6933, 61.9767



20.0302, 21.0392, 22.3906



0.0000, 0.0000, 0.0000



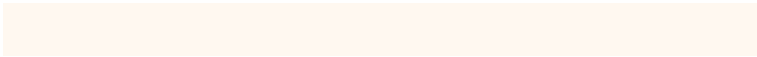
20.3446, 21.4041, 23.3091

Same Dimension

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



55.5703, 58.1852, 59.3418



90.5066, 94.6993, 95.7132



56.6455, 60.4855, 59.7291



11.9775, 12.5262, 12.5796



19.3690, 15.4709, 1.9653



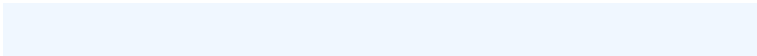
1.0745, 0.9486, 0.1265

Inverse Universe

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



53.6909, 56.7231, 65.8772



87.0371, 92.0001, 107.7782



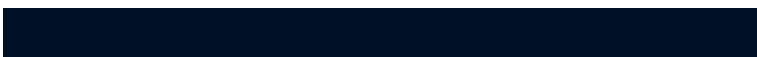
52.6544, 54.5101, 65.5046



11.4804, 12.1394, 14.3084



9.3955, 7.8150, 36.9695



0.5602, 0.5541, 1.9324

Previews

White Background



This preview shows how the XYZ color 55.5687, 58.1827, 59.3405 looks on a white background.

Color Contrast Check

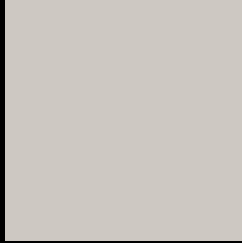
Large Text (above 18pt) WCAG AA × Fail

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 55.5687, 58.1827, 59.3405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

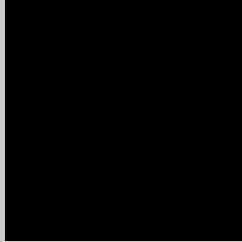
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

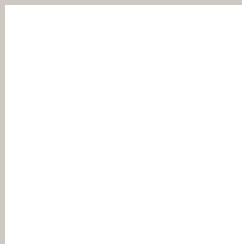
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5687, 58.1827, 59.3405

Background



This preview shows how black text looks on a background with the XYZ color 55.5687, 58.1827, 59.3405.

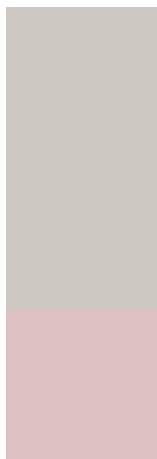


This preview shows how white text looks on a background with the XYZ color 55.5687, 58.1827,

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

55.5687, 58.1827, 59.3405

Protanopia

55.8455, 58.3254, 59.3535

Deuteranopia

59.2663, 58.0533, 59.7115



Tritanopia

57.9889, 58.1465, 71.1178

Trichromacy



Original Color

55.5687, 58.1827, 59.3405

Protanomaly

55.8455, 58.3254, 59.3535

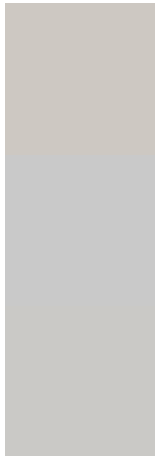
Deuteranomaly

57.9092, 58.0189, 59.7764

Tritanomaly

57.0668, 58.1098, 66.6011

Monochromacy



Original Color

55.5687, 58.1827, 59.3405

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 55.5687, 58.1827, 59.3405 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(205, 200, 194)` looks like.

```
.text, #text, p{  
    color:rgb(205, 200, 194)  
}
```

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(205, 200, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 200, 194) }
```

Border

The CSS property to change the border of an element to XYZ 55.5687, 58.1827, 59.3405 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(205, 200, 194) }
```


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

```
.border{ border-color:rgb(205, 200, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 200, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 200, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 200, 194);  
box-shadow:4px 4px 4px 4px rgb(205, 200,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5687, 58.1827, 59.3405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 200, 194) }
```

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

```
.background{ background-color: rgb(205,  
200, 194) }
```

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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