

Converting Colors

XYZ(55.0396, 57.3022, 58.6106)

Have a look what the booklet for
XYZ(55.0396, 57.3022, 58.6106)
contains.

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Color

**XYZ(54.9966, 57.2176,
58.5975)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC6C1
RGB	205, 198, 193
RGB Percent	80%, 78%, 76%
CMY	0.1961, 0.2235, 0.2431
CMYK	0.00, 0.03, 0.06, 0.20
HSL	25°, 11%, 78%
HSV	25°, 6%, 80%
XYZ	54.9966, 57.2176, 58.5975
YIQ	199.5230, 5.7770, -0.0710

Conversions

Conversions Part 2

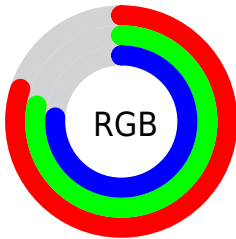
Format	Color
R _Y B	205, 202, 193
Decimal	13485761
CIE Lab	80.30, 1.55, 3.36
CIE LCh	80, 3.699, 65.162
Yxy	57.2176, 0.3220, 0.3350
Android (android.graphics.Color)	4291675841 (0xFFC6DC6C1)
YUV	199.5230, -3.2158, 4.8033
Hunter-Lab	75.6423, -2.5936, 7.0197

Details

The XYZ color **54.9966, 57.2176, 58.5975** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.6660, 57.0529, 65.9422**, and the grayscale version is **54.6245, 57.4693, 62.5840**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **27.4694, 28.4193, 28.8486** is the 20% darker color. If you saturate the color by 10%, you get **50.2419, 51.1173, 46.5012**, and if you desaturate by 10%, it is **60.2872, 63.8809, 72.4378**.

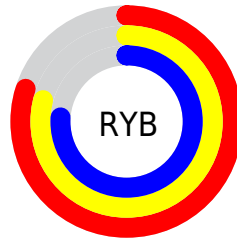
Distribution



Red (80%)

Green (78%)

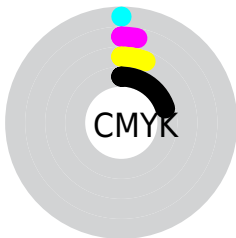
Blue (76%)



Red (80%)

Yellow (79%)

Blue (76%)

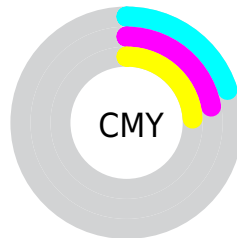


Cyan (0%)

Magenta (3%)

Yellow (6%)

Black (20%)



Cyan (20%)

Magenta (22%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9966, 57.2176, 58.5975 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 54.9966, 57.2176, 58.5975 by changing the saturation by 10% instead.

■ 54.9966, 57.2176,
58.5975

■ 54.9966, 57.2176,
58.5975

396.0357,
414.2642, 437.0690

■ 39.6328, 41.1800,
41.8713

■ 96.6843, 100.7826,
104.3158

■ 27.4353, 28.4597,
28.6757

123.7390,
129.0788, 134.1450

■ 18.0387, 18.6725,
18.5922

155.4213,
162.2300, 169.1790

■ 11.0776, 11.4339,
11.2022

192.0967,
200.6205, 209.8362

■ 6.1868, 6.3595,
6.0871

234.1305,
244.6348, 256.5353

■ 3.0007, 3.0649,
2.8285

281.8880,

■ 1.1541, 1.1657,

294.6572, 309.6948

1.0077

335.7346,
351.0722, 369.7331

■ 0.0697, 0.0334,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9966, 57.2176,
58.5975

■ 54.9966, 57.2176,
58.5975

■ 50.2419, 51.1173,
46.5012

■ 60.2872, 63.8809,
72.4378

■ 46.0003, 45.5575,
36.0752

■ 66.1258, 71.1142,
88.0843

■ 42.2545, 40.5248,
27.2462

■ 72.5303, 78.9338,
105.6007

■ 38.9843, 36.0026,
19.9337

■ 76.1261, 85.9972,
107.1946

■ 36.1677, 31.9734,
14.0502

■ 78.9872, 91.7193,
108.1483

■ 33.7810, 28.4182,
9.4993

■ 31.7980, 25.3170,
6.1721

■ 30.1886, 22.6474,
3.9427

■ 28.9169, 20.3842,
2.6545

Harmonies

Analogous

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



55.5809, 57.2176, 59.9330



54.9966, 57.2176, 58.5975



54.2529, 57.2176, 58.2447

Triad

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



54.9966, 57.2176, 58.5975



52.9485, 57.2176, 62.6756



55.2252, 57.2176, 65.7666

Complementary

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



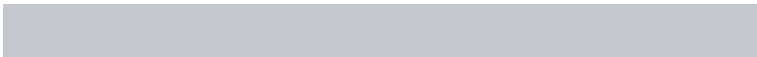
54.9966, 57.2176, 58.5975



53.6660, 57.0529, 65.9422

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.



54.5145, 57.2176, 66.5398



54.9966, 57.2176, 58.5975



53.2037, 57.2176, 64.7290

Square

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



54.9966, 57.2176, 58.5975



53.0749, 57.2176, 60.5676



53.7752, 57.2176, 66.1558



55.7137, 57.2176, 64.0657

Rectangle

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



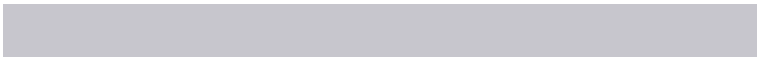
54.9966, 57.2176, 58.5975



53.7678, 57.2176, 58.6071



53.7752, 57.2176, 66.1558



55.0041, 57.2176, 66.1454

Sweetspot

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



54.9982, 57.2201, 58.5987



93.2984, 97.7934, 104.3189



54.6729, 55.2900, 62.4348



19.9881, 20.9550, 22.3765



0.0000, 0.0000, 0.0000



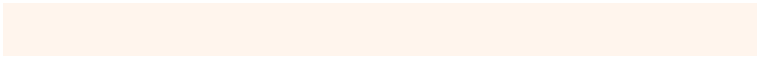
20.3446, 21.4041, 23.3091

Same Dimension

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



54.9982, 57.2201, 58.5987



89.0774, 92.4420, 93.3839



56.3961, 60.0159, 59.0647



11.7898, 12.2243, 12.2902



17.8087, 12.3503, 1.4452



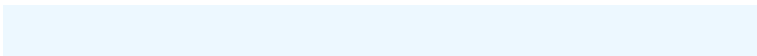
0.9931, 0.7859, 0.0994

Inverse Universe

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



53.6660, 57.0529, 65.9422



86.4565, 92.1130, 107.8306



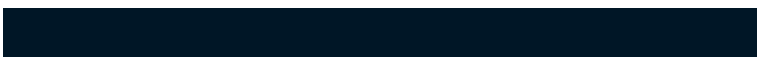
52.3043, 54.3296, 65.4883



11.4218, 12.1781, 14.3190



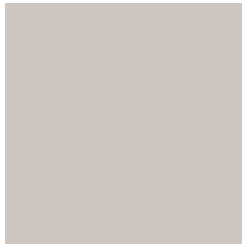
11.1012, 11.2263, 37.5381



0.6466, 0.7269, 1.9612

Previews

White Background



This preview shows how the XYZ color 54.9966, 57.2176, 58.5975 looks on a white background.

Color Contrast Check

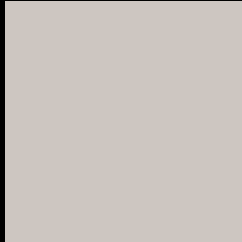
Large Text (above 18pt) WCAG AA × Fail

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 54.9966, 57.2176, 58.5975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

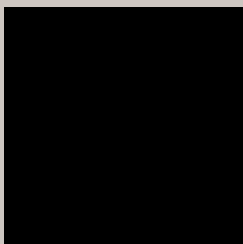
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

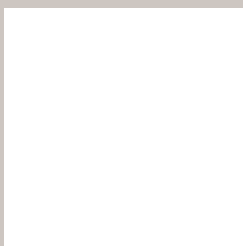
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.9966, 57.2176, 58.5975

Background



This preview shows how black text looks on a background with the XYZ color 54.9966, 57.2176, 58.5975.

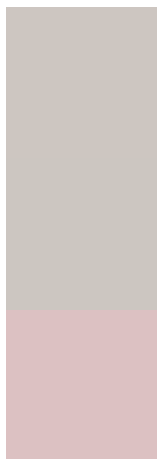


This preview shows how white text looks on a background with the XYZ color 54.9966, 57.2176,

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

54.9966, 57.2176, 58.5975

Protanopia

54.7216, 57.0758, 58.5847

Deuteranopia

58.3228, 57.2506, 59.0155



Tritanopia

57.2854, 57.1433, 69.6385

Trichromacy



Original Color

54.9966, 57.2176, 58.5975

Protanomaly

54.7216, 57.0758, 58.5847

Deuteranomaly

57.2770, 57.3723, 59.0941

Tritanomaly

56.3711, 57.1049, 65.1780

Monochromacy



Original Color

54.9966, 57.2176, 58.5975

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.8586, 57.4346, 61.0180

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9966, 57.2176, 58.5975 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, 198, 193) looks like.

```
.text, #text, p{  
    color:rgb(205, 198, 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(205, 198, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 198, 193) }
```

Border

The CSS property to change the border of an element to XYZ 54.9966, 57.2176, 58.5975 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, 198, 193) }
```


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

```
.border{ border-color:rgb(205, 198, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 198, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 198, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 198, 193);  
box-shadow:4px 4px 4px 4px rgb(205, 198,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9966, 57.2176, 58.5975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 198, 193) }
```

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

```
.background{ background-color: rgb(205,  
198, 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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