

Converting Colors

XYZ(53.5449, 57.8328, 56.3790)

Have a look what the booklet for
XYZ(53.5449, 57.8328, 56.3790)
contains.

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Color

**XYZ(53.5945, 57.9209,
56.4992)**

Conversions

Conversions Part 1

Format	Color
Hex	C6CABD
RGB	198, 202, 189
RGB Percent	78%, 79%, 74%
CMY	0.2235, 0.2078, 0.2588
CMYK	0.02, 0.00, 0.06, 0.21
HSL	78°, 11%, 77%
HSV	78°, 6%, 79%
XYZ	53.5945, 57.9209, 56.4992
YIQ	199.3220, 1.7890, -4.8910

Conversions

Conversions Part 2

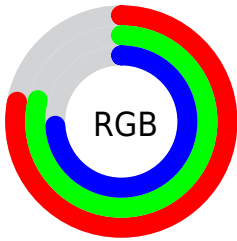
Format	Color
RYB	189, 202, 193
Decimal	13028029
CIELab	80.69, -3.71, 6.00
CIELCh	81, 7.055, 121.740
Yxy	57.9209, 0.3190, 0.3447
Android (android.graphics.Color)	4291218109 (0xFFC6CABD)
YUV	199.3220, -5.0887, -1.1594
Hunter-Lab	76.1058, -7.4835, 9.2585

Details

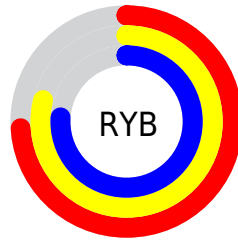
The XYZ color **53.5945, 57.9209, 56.4992** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.8528, 51.9984, 63.2366**, and the grayscale version is **54.5140, 57.3530, 62.4574**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **26.5354, 28.8867, 27.4697** is the 20% darker color. If you saturate the color by 10%, you get **49.9473, 56.2784, 45.6685**, and if you desaturate by 10%, it is **57.6177, 59.7254, 68.9441**.

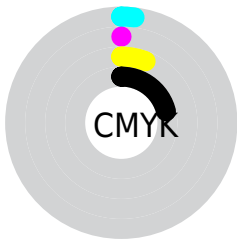
Distribution



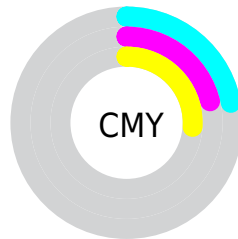
- Red (78%)
- Green (79%)
- Blue (74%)



- Red (74%)
- Yellow (79%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (21%)



- Cyan (22%)
- Magenta (21%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.5945, 57.9209, 56.4992 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 53.5945, 57.9209, 56.4992 by changing the saturation by 10% instead.

■ 53.5945, 57.9209,
56.4992

■ 53.5945, 57.9209,
56.4992

390.7855,
416.8911, 429.0111

■ 38.5069, 41.7451,
40.1966

■ 94.6390, 101.8077,
101.2272

■ 26.5554, 28.9017,
27.3769

121.3266,
130.2874, 130.4896

■ 17.3744, 19.0065,
17.6216

152.6117,
163.6372, 164.9091

■ 10.5988, 11.6750,
10.5120

188.8595,
202.2414, 204.9042

■ 5.8630, 6.5228,
5.6297

230.4354,
246.4846, 250.8934

■ 2.8018, 3.1655,
2.5561

277.7048,

■ 1.0499, 1.2187,

296.7510, 303.2953

0.8697

331.0330,
353.4250, 362.5283

■ 0.0000, 0.0769,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.5945, 57.9209,
56.4992

■ 53.5945, 57.9209,
56.4992

■ 49.9473, 56.2784,
45.6685

■ 57.6177, 59.7254,
68.9441

■ 46.6580, 54.7848,
36.3822

■ 62.0247, 61.6894,
83.0619

■ 43.7138, 53.4369,
28.5708

■ 66.8291, 63.8203,
98.9126

■ 41.0997, 52.2284,
22.1580

■ 69.5661, 65.1322,
103.5130

■ 38.7988, 51.1527,
17.0609

■ 71.5166, 66.1377,
103.6043

■ 36.7930, 50.2023,
13.1875

■ 73.5382, 67.1799,
103.6989

■ 35.0616, 49.3689,
10.4342

■ 75.6316, 68.2591,
103.7969

■ 33.5809, 48.6429,
8.6803

■ 77.7976, 69.3757,
103.8982

■ 32.3204, 48.0119,
7.7704

■ 80.0369, 70.5301,
104.0030

Harmonies

Analogous

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



54.9673, 57.9209, 55.3971



53.5945, 57.9209, 56.4992



52.6263, 57.9209, 59.3507

Triad

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



53.5945, 57.9209, 56.4992



53.7390, 57.9209, 70.3841



57.8939, 57.9209, 62.8233

Complementary

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



53.5945, 57.9209, 56.4992



50.8528, 51.9984, 63.2366

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.



57.5513, 57.9209, 66.9333



53.5945, 57.9209, 56.4992



55.1370, 57.9209, 71.4119

Square

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



53.5945, 57.9209, 56.4992



52.7087, 57.9209, 67.3723



56.5358, 57.9209, 70.1229



57.4639, 57.9209, 58.9473

Rectangle

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



53.5945, 57.9209, 56.4992



52.3316, 57.9209, 61.9227



56.5358, 57.9209, 70.1229



57.8652, 57.9209, 64.2233

Sweetspot

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



53.5961, 57.9234, 56.5005



93.6643, 99.3792, 104.6058



52.5923, 54.3282, 55.8594



20.0626, 21.2778, 22.4349



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.



53.5961, 57.9234, 56.5005



89.6644, 97.5832, 92.4042



51.9447, 57.0721, 56.4232



11.8046, 12.9167, 11.9504



20.6237, 30.8072, 4.8594



1.1393, 1.6282, 0.2542

Inverse Universe

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



50.8528, 51.9984, 63.2366



83.8790, 85.0877, 106.6104



52.5197, 52.8578, 63.3146



10.9213, 11.0087, 14.1197



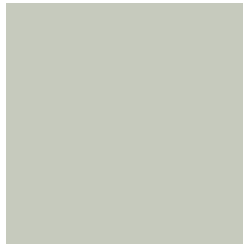
8.2270, 3.4487, 36.1883



0.5024, 0.2181, 1.8706

Previews

White Background



This preview shows how the XYZ color 53.5945, 57.9209, 56.4992 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 53.5945, 57.9209, 56.4992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

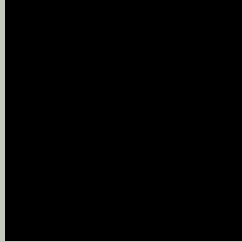
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

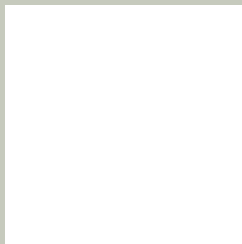
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.5945, 57.9209, 56.4992

Background



This preview shows how black text looks on a background with the XYZ color 53.5945, 57.9209, 56.4992.



This preview shows how white text looks on a background with the XYZ color 53.5945, 57.9209,

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

53.5945, 57.9209, 56.4992

Protanopia

55.2327, 57.7431, 55.8114

Deuteranopia

58.9054, 57.5895, 57.3015



Tritanopia

56.6888, 57.7998, 71.7870

Trichromacy



Original Color

53.5945, 57.9209, 56.4992

Protanomaly

54.6332, 57.7768, 55.8495

Deuteranomaly

56.7657, 57.4937, 56.8207

Tritanomaly

55.5303, 57.6721, 65.9627

Monochromacy



Original Color

53.5945, 57.9209, 56.4992

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.0578, 57.3908, 59.8581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5945, 57.9209, 56.4992 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(198, 202, 189) looks like.

```
.text, #text, p{  
    color:rgb(198, 202, 189)  
}
```

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(198, 202, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 202, 189) }
```

Border

The CSS property to change the border of an element to XYZ 53.5945, 57.9209, 56.4992 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(198, 202, 189) }
```


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

```
.border{ border-color:rgb(198, 202, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 202, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 202, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 202, 189); box-shadow:4px 4px 4px 4px rgb(198, 202, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5945, 57.9209, 56.4992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 202, 189) }
```

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

```
.background{ background-color: rgb(198,  
202, 189) }
```

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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