

Converting Colors

XYZ(54.9508, 57.5776, 62.3889)

Have a look what the booklet for
XYZ(54.9508, 57.5776, 62.3889)
contains.

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Color

**XYZ(54.8196, 57.3879,
62.2205)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C7C7
RGB	201, 199, 199
RGB Percent	79%, 78%, 78%
CMY	0.2118, 0.2196, 0.2196
CMYK	0.00, 0.01, 0.01, 0.21
HSL	0°, 2%, 78%
HSV	0°, 1%, 79%
XYZ	54.8196, 57.3879, 62.2205
YIQ	199.5980, 1.1920, 0.4240

Conversions

Conversions Part 2

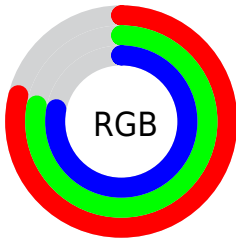
Format	Color
R _Y B	201, 199, 199
Decimal	13223879
CIE Lab	80.40, 0.69, 0.24
CIE LCh	80, 0.734, 18.717
Yxy	57.3879, 0.3143, 0.3290
Android (android.graphics.Color)	4291413959 (0xFFC9C7C7)
YUV	199.5980, -0.2948, 1.2296
Hunter-Lab	75.7548, -3.4002, 4.3311

Details

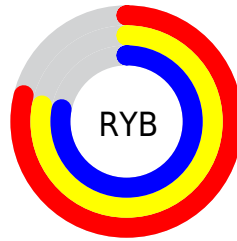
The XYZ color **54.8196, 57.3879, 62.2205** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.9824, 58.1316, 63.5817**, and the grayscale version is **54.6552, 57.5015, 62.6191**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **27.2689, 28.4982, 30.8515** is the 20% darker color. If you saturate the color by 10%, you get **48.3225, 47.8846, 49.2913**, and if you desaturate by 10%, it is **62.2369, 68.2368, 76.9787**.

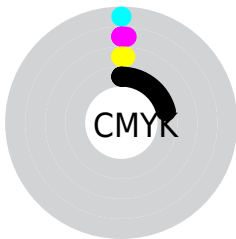
Distribution



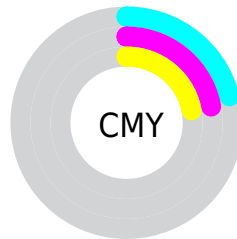
- Red (79%)
- Green (78%)
- Blue (78%)



- Red (79%)
- Yellow (78%)
- Blue (78%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (21%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8196, 57.3879, 62.2205 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 54.8196, 57.3879, 62.2205 by changing the saturation by 10% instead.

■ 54.8196, 57.3879,
62.2205

■ 54.8196, 57.3879,
62.2205

395.3753,
414.9012, 450.7648

■ 39.4906, 41.3168,
44.7740

96.4265, 101.0310,
109.6188

■ 27.3240, 28.5667,
30.9378

123.4350,
129.3717, 140.4077

■ 17.9546, 18.7533,
20.2934

155.0674,
162.5710, 176.4811

■ 11.0169, 11.4921,
12.4223

191.6891,
201.0134, 218.2576

■ 6.1456, 6.3989,
6.9059

233.6654,
245.0832, 266.1556

■ 2.9753, 3.0891,
3.3258

281.3616,

■ 1.1407, 1.1784,

295.1649, 320.5938

1.2633

335.1431,
351.6427, 381.9907

■ 0.0588, 0.0440,
0.0314

■ 0.0000, 0.0000,
0.0000

■ 54.8196, 57.3879,
62.2205

■ 54.8196, 57.3879,
62.2205

■ 48.3225, 47.8846,
49.2913

■ 62.2369, 68.2368,
76.9787

■ 42.7052, 39.6675,
38.1163

■ 70.6033, 80.4731,
93.6293

■ 37.9314, 32.6836,
28.6211

■ 77.8977, 91.1577,
108.0973

■ 33.9603, 26.8734,
20.7246

■ 30.7478, 22.1725,
14.3388

■ 28.2457, 18.5104,
9.3674

■ 26.4002, 15.8084,
5.7031

■ 25.1496, 13.9766,
3.2229

■ 24.4209, 12.9081,
1.7810

Harmonies

Analogous

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



54.8293, 57.3879, 62.6477



54.8196, 57.3879, 62.2205



54.7363, 57.3879, 61.8659

Triad

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



54.8196, 57.3879, 62.2205



54.3286, 57.3879, 61.9413



54.4890, 57.3879, 63.3007

Complementary

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



54.8196, 57.3879, 62.2205



54.9824, 58.1316, 63.5817

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.



54.3551, 57.3879, 63.1096



54.8196, 57.3879, 62.2205



54.2626, 57.3879, 62.3239

Square

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



54.8196, 57.3879, 62.2205



54.4528, 57.3879, 61.7052



54.2723, 57.3879, 62.7516



54.6382, 57.3879, 63.2727

Rectangle

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



54.8196, 57.3879, 62.2205



54.6504, 57.3879, 61.7178



54.2723, 57.3879, 62.7516



54.4407, 57.3879, 63.2599

Sweetspot

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



54.8212, 57.3904, 62.2217

95.0500, 100.0000, 108.9000



55.0542, 57.4823, 63.4526



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



54.8212, 57.3904, 62.2217



93.8354, 98.2235, 106.4832



55.0512, 57.8504, 62.2984



11.8317, 12.3897, 13.4362



15.1484, 7.8139, 0.7098



0.7178, 0.3711, 0.0338

Inverse Universe

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



54.9824, 58.1316, 63.5817



94.1166, 99.5167, 108.8559



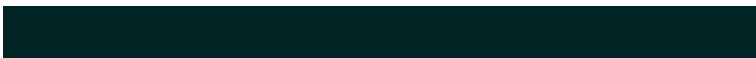
54.7509, 57.6685, 63.5045



11.8644, 12.5404, 13.7127



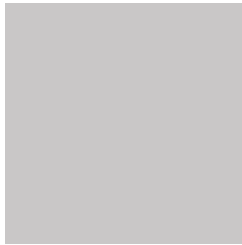
19.7103, 28.8145, 39.2673



0.9338, 1.3654, 1.8595

Previews

White Background



This preview shows how the XYZ color 54.8196, 57.3879, 62.2205 looks on a white background.

Color Contrast Check

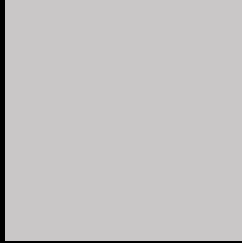
Large Text (above 18pt) WCAG AA × Fail

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 54.8196, 57.3879, 62.2205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

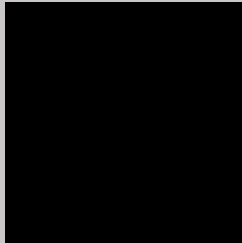
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

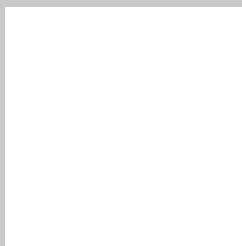
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.8196, 57.3879, 62.2205

Background



This preview shows how black text looks on a background with the XYZ color 54.8196, 57.3879, 62.2205.

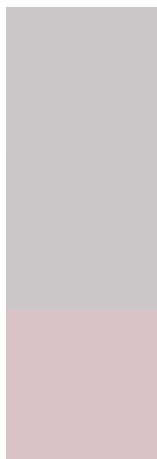


This preview shows how white text looks on a background with the XYZ color 54.8196, 57.3879,

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

54.8196, 57.3879, 62.2205

Protanopia

55.1315, 57.2082, 62.1694

Deuteranopia

58.4087, 57.2155, 62.6088



Tritanopia

56.4785, 57.3825, 70.3865

Trichromacy



Original Color

54.8196, 57.3879, 62.2205

Protanomaly

54.8600, 57.0682, 62.1567

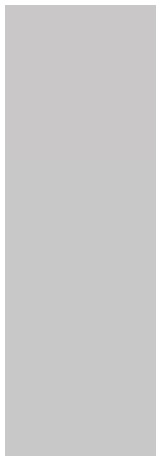
Deuteranomaly

57.0918, 57.1974, 62.6747

Tritanomaly

55.8137, 57.4497, 67.1787

Monochromacy



Original Color

54.8196, 57.3879, 62.2205

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.8990, 57.7580, 62.8985

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8196, 57.3879, 62.2205 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(201, 199, 199) looks like.

```
.text, #text, p{  
    color:rgb(201, 199, 199)  
}
```

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(201, 199, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 199, 199) }
```

Border

The CSS property to change the border of an element to XYZ 54.8196, 57.3879, 62.2205 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(201, 199, 199) }
```

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

```
.border{ border-color:rgb(201, 199, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 199, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 199, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 199, 199);  
box-shadow:4px 4px 4px 4px rgb(201, 199,  
199) }
```


Background

The CSS property to change the background color of an element to XYZ 54.8196, 57.3879, 62.2205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 199, 199) }
```

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

```
.background{ background-color: rgb(201,  
199, 199) }
```

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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