

Converting Colors

XYZ(54.2110, 58.3413, 56.1026)

Have a look what the booklet for
XYZ(54.2110, 58.3413, 56.1026)
contains.

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Color

**XYZ(54.0170, 58.1513,
55.9543)**

Conversions

Conversions Part 1

Format	Color
Hex	C8CABC
RGB	200, 202, 188
RGB Percent	78%, 79%, 74%
CMY	0.2157, 0.2078, 0.2627
CMYK	0.01, 0.00, 0.07, 0.21
HSL	69°, 12%, 76%
HSV	69°, 7%, 79%
XYZ	54.0170, 58.1513, 55.9543
YIQ	199.8060, 3.3020, -4.7780

Conversions

Conversions Part 2

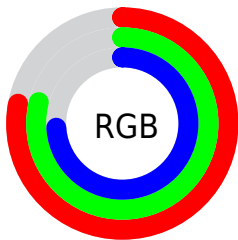
Format	Color
RYB	188, 202, 190
Decimal	13159100
CIELab	80.82, -3.18, 6.74
CIELCh	81, 7.452, 115.266
Yxy	58.1513, 0.3213, 0.3459
Android (android.graphics.Color)	4291349180 (0xFFC8CABC)
YUV	199.8060, -5.8204, 0.1701
Hunter-Lab	76.2570, -7.0084, 9.8753

Details

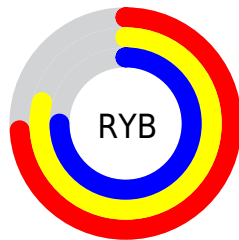
The XYZ color **54.0170, 58.1513, 55.9543** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.8815, 51.1795, 63.1299**, and the grayscale version is **54.8150, 57.6696, 62.8022**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **26.8171, 29.0401, 27.1135** is the 20% darker color. If you saturate the color by 10%, you get **51.2257, 56.9483, 45.2409**, and if you desaturate by 10%, it is **57.1310, 59.4888, 68.2763**.

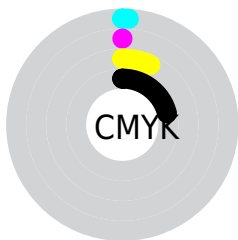
Distribution



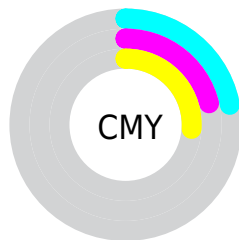
- Red (78%)
- Green (79%)
- Blue (74%)



- Red (74%)
- Yellow (79%)
- Blue (75%)



- Cyan (1%)
- Magenta (0%)
- Yellow (7%)
- Black (21%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0170, 58.1513, 55.9543 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 54.0170, 58.1513, 55.9543 by changing the saturation by 10% instead.

■ 54.0170, 58.1513,
55.9543

■ 54.0170, 58.1513,
55.9543

392.3721,
417.7495, 426.9027

■ 38.8460, 41.9303,
39.7625

■ 95.2560, 102.1432,
100.4229

■ 26.8201, 29.0467,
27.0411

122.0546,
130.6828, 129.5368

■ 17.5741, 19.1162,
17.3714

153.4598,
164.0974, 163.7951

■ 10.7424, 11.7542,
10.3349

189.8370,
202.7715, 203.6165

■ 5.9599, 6.5766,
5.5130

231.5514,
247.0893, 249.4194

■ 2.8612, 3.1987,
2.4874

278.9685,

■ 1.0808, 1.2363,

297.4353, 301.6224

0.8334

332.4537,
354.1939, 360.6440

■ 0.0089, 0.0911,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0170, 58.1513,
55.9543

■ 54.0170, 58.1513,
55.9543

■ 51.2257, 56.9483,
45.2409

■ 57.1310, 59.4888,
68.2763

■ 48.7395, 55.8671,
36.0661

■ 60.5748, 60.9581,
82.2656

■ 46.5467, 54.9050,
28.3601

■ 64.3614, 62.5662,
97.9826

■ 44.6325, 54.0559,
22.0465

■ 66.1983, 63.3962,
103.3554

■ 42.9810, 53.3136,
17.0418

■ 67.0371, 63.8286,
103.3947

■ 41.5746, 52.6710,
13.2538

■ 67.8909, 64.2688,
103.4346

■ 40.3935, 52.1201,
10.5782

■ 68.7598, 64.7167,
103.4753

■ 39.4144, 51.6516,
8.8931

■ 69.6439, 65.1724,
103.5166

■ 38.6063, 51.2532,
8.0360

■ 70.5431, 65.6360,
103.5587

Harmonies

Analogous

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



55.5158, 58.1513, 55.2370



54.0170, 58.1513, 55.9543



52.8735, 58.1513, 58.6076

Triad

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



54.0170, 58.1513, 55.9543



53.6013, 58.1513, 70.5438



58.2744, 58.1513, 64.0192

Complementary

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



54.0170, 58.1513, 55.9543



49.8815, 51.1795, 63.1299

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.



57.7400, 58.1513, 68.2719



54.0170, 58.1513, 55.9543



55.0271, 58.1513, 72.1485

Square

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



54.0170, 58.1513, 55.9543



52.6366, 58.1513, 67.0053



56.5444, 58.1513, 71.2985



57.9920, 58.1513, 59.7663

Rectangle

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



54.0170, 58.1513, 55.9543



52.4569, 58.1513, 61.1848



56.5444, 58.1513, 71.2985



58.1841, 58.1513, 65.4980

Sweetspot

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



54.0186, 58.1538, 55.9556



93.9716, 99.5377, 104.6201



51.8208, 52.9582, 55.0685



20.1251, 21.3100, 22.4378



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.



54.0186, 58.1538, 55.9556



90.8715, 98.2055, 92.4607



52.2261, 57.2297, 55.8717



11.9899, 13.0122, 11.9591



24.7505, 32.9346, 5.0525



1.3212, 1.7219, 0.2627

Inverse Universe

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



49.8815, 51.1795, 63.1299



82.7429, 84.5020, 106.5572



51.6369, 52.0845, 63.2120



10.7487, 10.9197, 14.1116



7.2302, 2.9348, 36.1417



0.4224, 0.1769, 1.8668

Previews

White Background



This preview shows how the XYZ color 54.0170, 58.1513, 55.9543 looks on a white background.

Color Contrast Check

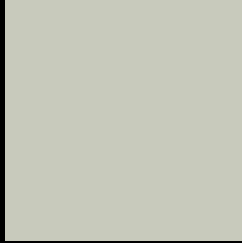
Large Text (above 18pt) WCAG AA × Fail

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 54.0170, 58.1513, 55.9543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

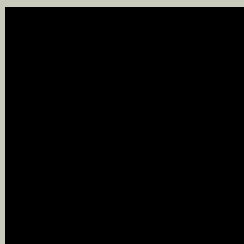
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

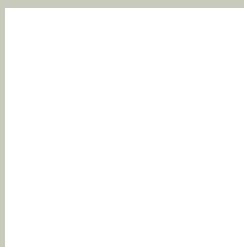
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.0170, 58.1513, 55.9543

Background



This preview shows how black text looks on a background with the XYZ color 54.0170, 58.1513, 55.9543.



This preview shows how white text looks on a background with the XYZ color 54.0170, 58.1513, 55.9543.

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

54.0170, 58.1513, 55.9543

Protanopia

55.3560, 58.1618, 55.3225

Deuteranopia

59.3265, 58.1486, 56.8121



Tritanopia

57.2335, 58.0806, 71.8125

Trichromacy



Original Color

54.0170, 58.1513, 55.9543

Protanomaly

54.7581, 58.1985, 55.3611

Deuteranomaly

57.1759, 58.0537, 56.3361

Tritanomaly

56.0715, 57.9511, 65.9880

Monochromacy



Original Color

54.0170, 58.1513, 55.9543

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.6699, 58.0382, 60.5456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0170, 58.1513, 55.9543 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(200, 202, 188)` looks like.

```
.text, #text, p{  
    color:rgb(200, 202, 188)  
}
```

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(200, 202, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 202, 188) }
```

Border

The CSS property to change the border of an element to XYZ 54.0170, 58.1513, 55.9543 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(200, 202, 188) }
```


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

```
.border{ border-color:rgb(200, 202, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 202, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 202, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 202, 188);  
box-shadow:4px 4px 4px 4px rgb(200, 202,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0170, 58.1513, 55.9543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 202, 188) }
```

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

```
.background{ background-color: rgb(200,  
202, 188) }
```

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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