

Converting Colors

XYZ(52.7959, 54.2989, 57.9128)

Have a look what the booklet for
XYZ(52.7959, 54.2989, 57.9128)
contains.

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Color

**XYZ(53.0527, 54.5467,
58.1845)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC1C1
RGB	202, 193, 193
RGB Percent	79%, 76%, 76%
CMY	0.2078, 0.2431, 0.2431
CMYK	0.00, 0.04, 0.04, 0.21
HSL	0°, 8%, 77%
HSV	0°, 4%, 79%
XYZ	53.0527, 54.5467, 58.1845
YIQ	195.6910, 5.3640, 1.9080

Conversions

Conversions Part 2

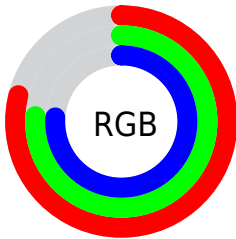
Format	Color
R_{YB}	202, 193, 193
Decimal	13287873
CIE _{Lab}	78.78, 3.15, 1.12
CIE _{LCh}	79, 3.340, 19.507
Yxy	54.5467, 0.3200, 0.3290
Android (android.graphics.Color)	4291477953 (0xFFCAC1C1)
YUV	195.6910, -1.3267, 5.5330
Hunter-Lab	73.8557, -1.0259, 4.9896

Details

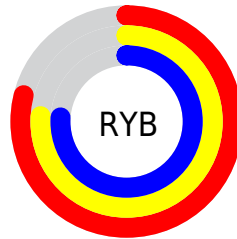
The XYZ color **53.0527, 54.5467, 58.1845** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.7735, 57.8420, 64.2082**, and the grayscale version is **52.2910, 55.0142, 59.9104**.

A 20% lighter version of the original color is **92.2146, 95.8509, 103.2634**, and **26.3245, 26.9455, 28.6245** is the 20% darker color. If you saturate the color by 10%, you get **46.7886, 45.3813, 45.7279**, and if you desaturate by 10%, it is **60.2372, 65.0589, 72.4678**.

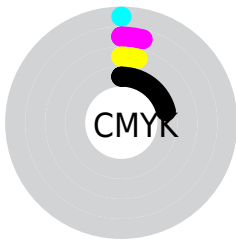
Distribution



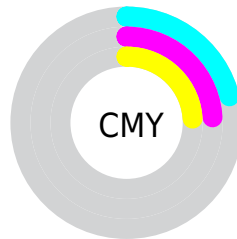
- Red (79%)
- Green (76%)
- Blue (76%)



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



- Cyan (0%)
- Magenta (4%)
- Yellow (4%)
- Black (21%)



- Cyan (21%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.0527, 54.5467, 58.1845 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 53.0527, 54.5467, 58.1845 by changing the saturation by 10% instead.

■ 53.0527, 54.5467,
58.1845

■ 53.0527, 54.5467,
58.1845

388.7448,
404.1913, 435.4905

■ 38.0725, 39.0389,
41.5413

■ 93.8470, 96.8765,
103.7089

■ 26.2164, 26.7900,
28.4194

120.3918,
124.4673, 133.4272

■ 17.1191, 17.4156,
18.4003

151.5221,
156.8545, 168.3410

■ 10.4153, 10.5312,
11.0653

187.6034,
194.4226, 208.8687

■ 5.7395, 5.7526,
5.9961

229.0009,
237.5559, 255.4290

■ 2.7265, 2.6952,
2.7739

276.0801,

■ 1.0108, 0.9748,

286.6389, 308.4404

0.9804

329.2063,
342.0559, 368.3214

■ 0.0000, 0.0000,
0.0000

■ 53.0527, 54.5467,
58.1845

■ 53.0527, 54.5467,
58.1845

■ 46.7886, 45.3813,
45.7279

■ 60.2372, 65.0589,
72.4678

■ 41.4034, 37.5016,
35.0209

■ 68.3723, 76.9618,
88.6435

■ 36.8591, 30.8522,
25.9864

■ 77.4926, 90.3059,
106.7784

■ 33.1133, 25.3712,
18.5398

■ 78.1674, 91.2967,
108.1099

■ 30.1200, 20.9910,
12.5896

■ 27.8283, 17.6373,
8.0345

■ 26.1810, 15.2265,
4.7610

■ 25.1122, 13.6622,
2.6377

■ 24.5418, 12.8270,
1.5051

Harmonies

Analogous

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



53.1052, 54.5467, 60.0577



53.0527, 54.5467, 58.1845



52.6750, 54.5467, 56.6658

Triad

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



53.0527, 54.5467, 58.1845



50.8841, 54.5467, 57.0588



51.6138, 54.5467, 63.0448

Complementary

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



53.0527, 54.5467, 58.1845



53.7735, 57.8420, 64.2082

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.



51.0238, 54.5467, 62.2044



53.0527, 54.5467, 58.1845



50.6049, 54.5467, 58.7314

Square

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



53.0527, 54.5467, 58.1845



51.4216, 54.5467, 56.0255



50.6558, 54.5467, 60.6163



52.2707, 54.5467, 62.8909

Rectangle

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



53.0527, 54.5467, 58.1845



52.2914, 54.5467, 56.0462



50.6558, 54.5467, 60.6163



51.4012, 54.5467, 62.8686

Sweetspot

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



53.0542, 54.5491, 58.1857



93.8343, 98.2212, 106.4828



54.0885, 54.9616, 63.6357



20.0972, 21.0421, 22.8172



0.0000, 0.0000, 0.0000



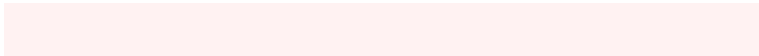
20.3446, 21.4041, 23.3091

Same Dimension

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



53.0542, 54.5491, 58.1857



89.1326, 91.3419, 97.1343



54.0635, 56.5676, 58.5221



11.7574, 12.0114, 12.7361



15.6742, 8.0813, 0.7337



0.8087, 0.4171, 0.0379

Inverse Universe

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



53.7735, 57.8420, 64.2082



90.5123, 97.6585, 108.6872



52.7337, 55.7625, 63.8617



11.9607, 12.9419, 14.4380



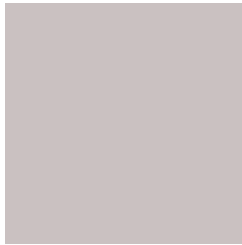
20.4396, 29.9033, 40.6509



1.0546, 1.5429, 2.0972

Previews

White Background



This preview shows how the XYZ color 53.0527, 54.5467, 58.1845 looks on a white background.

Color Contrast Check

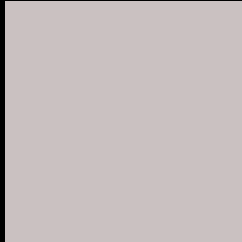
Large Text (above 18pt) WCAG AA × Fail

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 53.0527, 54.5467, 58.1845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

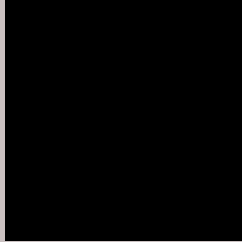
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

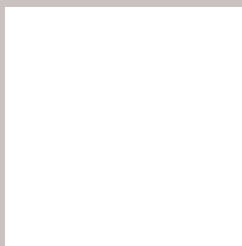
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.0527, 54.5467, 58.1845

Background



This preview shows how black text looks on a background with the XYZ color 53.0527, 54.5467, 58.1845.

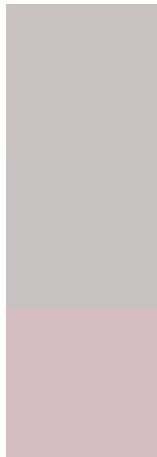


This preview shows how white text looks on a background with the XYZ color 53.0527, 54.5467,

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

53.0527, 54.5467, 58.1845

Protanopia

52.5826, 54.6207, 58.8104

Deuteranopia

55.6668, 54.5864, 58.6412



Tritanopia

54.6732, 54.5552, 66.0411

Trichromacy



Original Color

53.0527, 54.5467, 58.1845

Protanomaly

52.8488, 54.7580, 58.8229

Deuteranomaly

54.7294, 54.4236, 58.6592

Tritanomaly

54.0209, 54.6128, 62.9525

Monochromacy



Original Color

53.0527, 54.5467, 58.1845

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.6541, 54.9761, 59.4660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0527, 54.5467, 58.1845 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(202, 193, 193)` looks like.

```
.text, #text, p{  
    color:rgb(202, 193, 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(202, 193, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 193, 193) }
```

Border

The CSS property to change the border of an element to XYZ 53.0527, 54.5467, 58.1845 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(202, 193, 193) }
```


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

```
.border{ border-color:rgb(202, 193, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 193, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 193, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 193, 193);  
box-shadow:4px 4px 4px 4px rgb(202, 193,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0527, 54.5467, 58.1845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 193, 193) }
```

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

```
.background{ background-color: rgb(202,  
193, 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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