

Converting Colors

XYZ(54.3690, 58.0727, 64.8561)

Have a look what the booklet for
XYZ(54.3690, 58.0727, 64.8561)
contains.

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Color

**XYZ(54.4057, 58.1550,
64.8575)**

Conversions

Conversions Part 1

Format	Color
Hex	C3CACB
RGB	195, 202, 203
RGB Percent	76%, 79%, 80%
CMY	0.2353, 0.2078, 0.2039
CMYK	0.04, 0.00, 0.00, 0.20
HSL	187°, 7%, 78%
HSV	187°, 4%, 80%
XYZ	54.4057, 58.1550, 64.8575
YIQ	200.0210, -4.4930, -1.1730

Conversions

Conversions Part 2

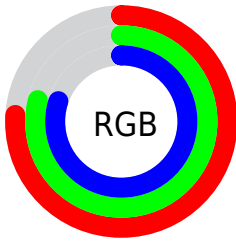
Format	Color
R_{YB}	195, 199, 203
Decimal	12831435
CIE _{Lab}	80.82, -2.20, -1.34
CIE _{LCh}	81, 2.574, 211.356
Yxy	58.1550, 0.3067, 0.3278
Android (android.graphics.Color)	4291021515 (0xFFC3CACB)
YUV	200.0210, 1.4686, -4.4034
Hunter-Lab	76.2594, -6.1069, 2.9563

Details

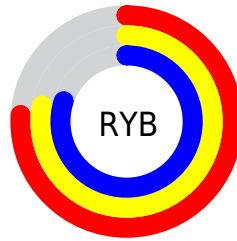
The XYZ color **54.4057, 58.1550, 64.8575** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.2190, 56.1159, 59.6044**, and the grayscale version is **54.9073, 57.7667, 62.9080**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **26.9992, 29.0125, 32.6107** is the 20% darker color. If you saturate the color by 10%, you get **48.9250, 54.4575, 64.4336**, and if you desaturate by 10%, it is **60.6126, 62.2446, 65.3206**.

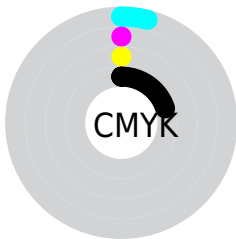
Distribution



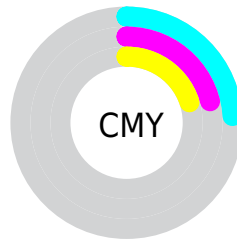
- Red (76%)
- Green (79%)
- Blue (80%)



- Red (76%)
- Yellow (78%)
- Blue (80%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (24%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4057, 58.1550, 64.8575 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 54.4057, 58.1550, 64.8575 by changing the saturation by 10% instead.

■ 54.4057, 58.1550,
64.8575

■ 54.4057, 58.1550,
64.8575

393.8283,
417.7633, 460.5719

■ 39.1581, 41.9333,
46.8949

95.8231, 102.1485,
113.4563

■ 27.0640, 29.0490,
32.5988

122.7235,
130.6891, 144.9296

■ 17.7581, 19.1179,
21.5507

154.2390,
164.1048, 181.7435

■ 10.8751, 11.7555,
13.3320

190.7347,
202.7800, 224.3166

■ 6.0496, 6.5774,
7.5242

232.5762,
247.0990, 273.0675

■ 2.9162, 3.1993,
3.7086

280.1287,

■ 1.1096, 1.2366,

297.4463, 328.4146

1.4669

333.7577,
354.2062, 390.7766

■ 0.0331, 0.0913,
0.1931

■ 0.0000, 0.0000,
0.0000

■ 54.4057, 58.1550,
64.8575

■ 54.4057, 58.1550,
64.8575

■ 48.9250, 54.4575,
64.4336

■ 60.6126, 62.2446,
65.3206

■ 44.1368, 51.1297,
64.0436

■ 67.5677, 66.7327,
65.8203

■ 40.0122, 48.1584,
63.6875

■ 74.9656, 71.4637,
66.3436

■ 36.5185, 45.5264,
63.3636

■ 75.5933, 72.7192,
66.5529

■ 33.6198, 43.2155,
63.0703

■ 76.2310, 73.9945,
66.7654

■ 31.2770, 41.2051,
62.8058

■ 76.8786, 75.2897,
66.9813

■ 29.4459, 39.4726,
62.5679

■ 77.5362, 76.6049,
67.2005

■ 28.0756, 37.9916,
62.3542

■ 78.2038, 77.9402,
67.4230

■ 27.1046, 36.7303,
62.1619

■ 78.8816, 79.2957,
67.6489

Harmonies

Analogous

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



54.2583, 58.1550, 63.3903



54.4057, 58.1550, 64.8575



54.7857, 58.1550, 65.9267

Triad

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



54.4057, 58.1550, 64.8575



56.1771, 58.1550, 64.7356



55.2504, 58.1550, 60.4372

Complementary

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



54.4057, 58.1550, 64.8575



54.2190, 56.1159, 59.6044

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.



55.7664, 58.1550, 60.7847



54.4057, 58.1550, 64.8575



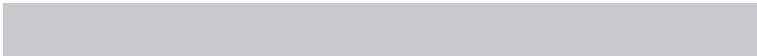
56.3035, 58.1550, 63.2516

Square

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



54.4057, 58.1550, 64.8575



55.8085, 58.1550, 65.8556



56.1527, 58.1550, 61.8088



54.7440, 58.1550, 60.8521

Rectangle

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



54.4057, 58.1550, 64.8575



55.1210, 58.1550, 66.2614



56.1527, 58.1550, 61.8088



55.4285, 58.1550, 60.4687

Sweetspot

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



54.4074, 58.1575, 64.8588



94.0168, 99.3170, 108.8226



53.8187, 58.2974, 60.6016



20.1344, 21.2651, 23.2933



0.0000, 0.0000, 0.0000



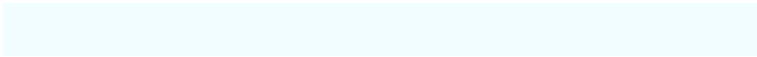
20.3446, 21.4041, 23.3091

Same Dimension

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



54.4074, 58.1575, 64.8588



90.0092, 96.6523, 108.5195



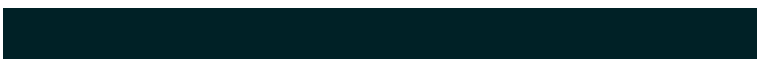
53.4953, 56.3334, 64.5548



11.8863, 12.7932, 14.4132



17.0009, 23.0257, 39.5046



0.9113, 1.2564, 2.0494

Inverse Universe

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



54.8057, 55.9920, 63.7991



90.8619, 92.0313, 106.2476



55.1187, 57.9153, 59.9043



12.0120, 12.1129, 14.0780



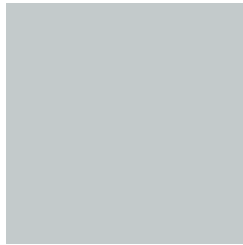
20.7922, 10.1274, 27.6878



1.0899, 0.5294, 1.5194

Previews

White Background



This preview shows how the XYZ color 54.4057, 58.1550, 64.8575 looks on a white background.

Color Contrast Check

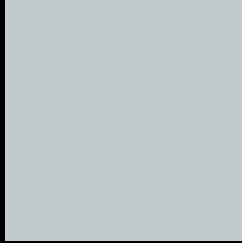
Large Text (above 18pt) WCAG AA × Fail

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 54.4057, 58.1550, 64.8575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

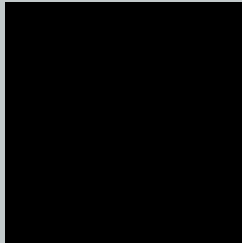
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

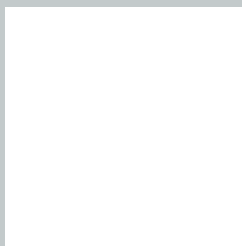
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.4057, 58.1550, 64.8575

Background



This preview shows how black text looks on a background with the XYZ color 54.4057, 58.1550, 64.8575.



This preview shows how white text looks on a background with the XYZ color 54.4057, 58.1550,

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

54.4057, 58.1550, 64.8575

Protanopia

55.9859, 57.9485, 64.1115

Deuteranopia

59.2247, 57.8968, 65.8113



Tritanopia

56.0749, 58.1367, 73.2318

Trichromacy



Original Color

54.4057, 58.1550, 64.8575

Protanomaly

55.4023, 57.9903, 64.1504

Deuteranomaly

57.4437, 57.9938, 65.2931

Tritanomaly

55.4095, 58.2122, 69.9437

Monochromacy



Original Color

54.4057, 58.1550, 64.8575

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.7180, 57.9961, 63.5688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4057, 58.1550, 64.8575 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(195, 202, 203) looks like.

```
.text, #text, p{  
    color:rgb(195, 202, 203)  
}
```

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(195, 202, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 202, 203) }
```

Border

The CSS property to change the border of an element to XYZ 54.4057, 58.1550, 64.8575 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(195, 202, 203) }
```


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

```
.border{ border-color:rgb(195, 202, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 202, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 202, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 202, 203);  
box-shadow:4px 4px 4px 4px rgb(195, 202,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4057, 58.1550, 64.8575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 202, 203) }
```

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

```
.background{ background-color: rgb(195,  
202, 203) }
```

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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