

Converting Colors

XYZ(54.0700, 58.4711, 64.0274)

Have a look what the booklet for
XYZ(54.0700, 58.4711, 64.0274)
contains.

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Color

**XYZ(54.0089, 58.3136,
64.2862)**

Conversions

Conversions Part 1

Format	Color
Hex	C1BCA
RGB	193, 203, 202
RGB Percent	76%, 80%, 79%
CMY	0.2431, 0.2039, 0.2078
CMYK	0.05, 0.00, 0.00, 0.20
HSL	174°, 9%, 78%
HSV	174°, 5%, 80%
XYZ	54.0089, 58.3136, 64.2862
YIQ	199.8960, -5.6390, -2.4310

Conversions

Conversions Part 2

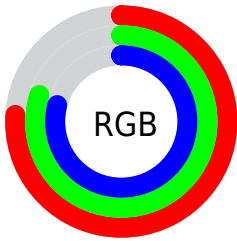
Format	Color
R_{YB}	193, 198, 203
Decimal	12700618
CIE _{Lab}	80.91, -3.59, -0.69
CIE _{LCh}	81, 3.655, 190.919
Yxy	58.3136, 0.3058, 0.3302
Android (android.graphics.Color)	4290890698 (0xFFC1BCA)
YUV	199.8960, 1.0373, -6.0478
Hunter-Lab	76.3633, -7.3896, 3.5413

Details

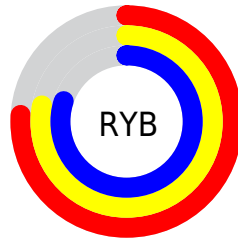
The XYZ color **54.0089, 58.3136, 64.2862** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4383, 54.7330, 58.7897**, and the grayscale version is **54.8334, 57.6890, 62.8233**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **26.7402, 29.1220, 32.2287** is the 20% darker color. If you saturate the color by 10%, you get **48.9458, 55.7328, 62.8002**, and if you desaturate by 10%, it is **59.7888, 61.2669, 65.8248**.

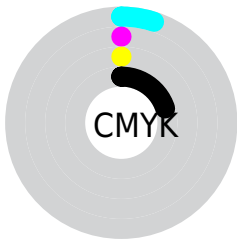
Distribution



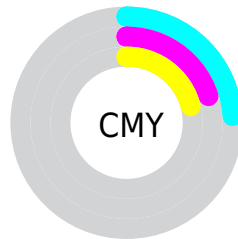
- Red (76%)
- Green (80%)
- Blue (79%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0089, 58.3136, 64.2862 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 54.0089, 58.3136, 64.2862 by changing the saturation by 10% instead.

■ 54.0089, 58.3136,
64.2862

■ 54.0089, 58.3136,
64.2862

392.3417,
418.3535, 458.4582

■ 38.8395, 42.0608,
46.4349

■ 95.2441, 102.3794,
112.6264

■ 26.8150, 29.1489,
32.2380

122.0406,
130.9612, 143.9524

■ 17.5702, 19.1935,
21.2770

153.4436,
164.4214, 180.6070

■ 10.7397, 11.8102,
13.1334

189.8183,
203.1446, 223.0088

■ 5.9581, 6.6146,
7.3887

231.5301,
247.5149, 271.5762

■ 2.8600, 3.2222,
3.6242

278.9443,

■ 1.0802, 1.2488,

297.9169, 326.7279

1.4216

332.4265,
354.7350, 388.8824

■ 0.0084, 0.1011,
0.1584

■ 0.0000, 0.0000,
0.0000

■ 54.0089, 58.3136,
64.2862

■ 54.0089, 58.3136,
64.2862

■ 48.9458, 55.7328,
62.8002

■ 59.7888, 61.2669,
65.8248

■ 44.5659, 53.5022,
61.3615

■ 66.3078, 64.5991,
67.4134

■ 40.8401, 51.6084,
59.9699

■ 73.5932, 68.3261,
69.0547

■ 37.7352, 50.0343,
58.6237

■ 74.2481, 68.6345,
70.4024

■ 35.2154, 48.7616,
57.3213

■ 74.5036, 68.7367,
71.7483

■ 33.2410, 47.7695,
56.0607

■ 74.7625, 68.8403,
73.1112

■ 31.7672, 47.0353,
54.8398

■ 75.0245, 68.9451,
74.4913

■ 30.7425, 46.5322,
53.6560

■ 75.2899, 69.0512,
75.8886

■ 30.1039, 46.2277,
52.5064

■ 75.5585, 69.1587,
77.3031

Harmonies

Analogous

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



54.0616, 58.3136, 62.1411



54.0089, 58.3136, 64.2862



54.3331, 58.3136, 66.2623

Triad

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



54.0089, 58.3136, 64.2862



56.3838, 58.3136, 66.6947



55.9023, 58.3136, 59.6364

Complementary

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



54.0089, 58.3136, 64.2862



53.4383, 54.7330, 58.7897

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.



56.5321, 58.3136, 60.8031



54.0089, 58.3136, 64.2862



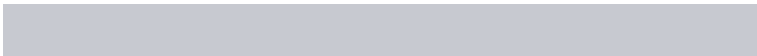
56.8118, 58.3136, 64.8656

Square

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



54.0089, 58.3136, 64.2862



55.7014, 58.3136, 67.6737



56.8663, 58.3136, 62.7075



55.1502, 58.3136, 59.4893

Rectangle

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



54.0089, 58.3136, 64.2862



54.7211, 58.3136, 67.2054



56.8663, 58.3136, 62.7075



56.1355, 58.3136, 59.9211

Sweetspot

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



54.0106, 58.3161, 64.2875



94.0769, 99.5031, 108.6397



53.2742, 58.0561, 58.8510



20.1466, 21.3030, 23.2561



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.



54.0106, 58.3161, 64.2875



89.3973, 97.1144, 107.3510



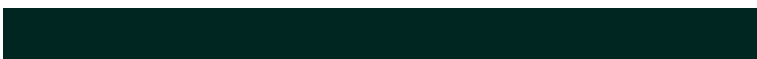
53.2353, 56.5748, 64.6171



11.8191, 12.8733, 14.2468



19.0257, 29.3556, 33.1501



0.9959, 1.5202, 1.7858

Inverse Universe

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



53.4383, 54.7330, 58.7897



88.2241, 89.7686, 96.0800



54.1847, 56.4055, 58.4844



11.6509, 11.8207, 12.6318



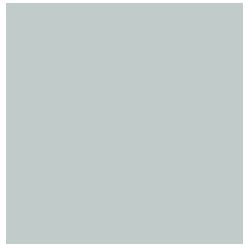
15.7718, 8.1193, 1.2509



0.8296, 0.4252, 0.1485

Previews

White Background



This preview shows how the XYZ color 54.0089, 58.3136, 64.2862 looks on a white background.

Color Contrast Check

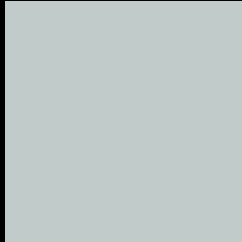
Large Text (above 18pt) WCAG AA × Fail

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 54.0089, 58.3136, 64.2862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

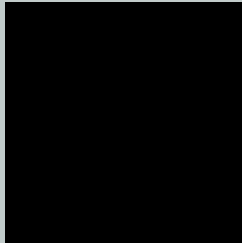
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

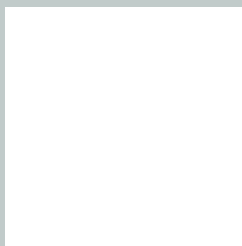
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.0089, 58.3136, 64.2862

Background



This preview shows how black text looks on a background with the XYZ color 54.0089, 58.3136, 64.2862.

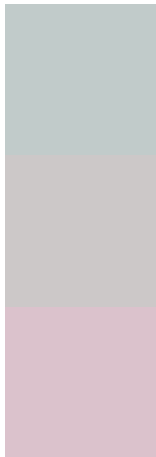


This preview shows how white text looks on a background with the XYZ color 54.0089, 58.3136,

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

54.0089, 58.3136, 64.2862

Protanopia

55.9814, 58.3161, 62.9492

Deuteranopia

59.4043, 58.0033, 65.1915



Tritanopia

55.9167, 58.3851, 73.9680

Trichromacy



Original Color

54.0089, 58.3136, 64.2862

Protanomaly

55.2487, 58.2697, 63.5936

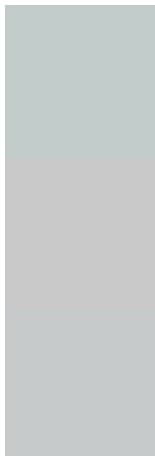
Deuteranomaly

57.3241, 57.9459, 64.6633

Tritanomaly

55.2523, 58.4639, 70.6599

Monochromacy



Original Color

54.0089, 58.3136, 64.2862

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.4552, 57.8607, 63.5565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0089, 58.3136, 64.2862 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(193, 203, 202) looks like.

```
.text, #text, p{  
    color:rgb(193, 203, 202)  
}
```

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(193, 203, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 203, 202) }
```

Border

The CSS property to change the border of an element to XYZ 54.0089, 58.3136, 64.2862 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(193, 203, 202) }
```


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

```
.border{ border-color:rgb(193, 203, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 203, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 203, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 203, 202);  
box-shadow:4px 4px 4px 4px rgb(193, 203,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0089, 58.3136, 64.2862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 203, 202) }
```

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

```
.background{ background-color: rgb(193,  
203, 202) }
```

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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