

Converting Colors

XYZ(54.3301, 58.2675, 65.5116)

Have a look what the booklet for
XYZ(54.3301, 58.2675, 65.5116)
contains.

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Color

**XYZ(54.2677, 58.0700,
65.4752)**

Conversions

Conversions Part 1

Format	Color
Hex	C2CACC
RGB	194, 202, 204
RGB Percent	76%, 79%, 80%
CMY	0.2392, 0.2078, 0.2000
CMYK	0.05, 0.01, 0.00, 0.20
HSL	192°, 9%, 78%
HSV	192°, 5%, 80%
XYZ	54.2677, 58.0700, 65.4752
YIQ	199.8360, -5.4100, -1.0740

Conversions

Conversions Part 2

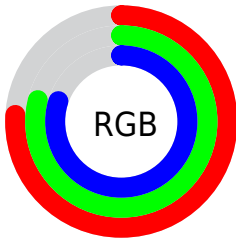
Format	Color
RYB	194, 198, 204
Decimal	12765900
CIELab	80.78, -2.35, -1.95
CIElCh	81, 3.053, 219.781
Yxy	58.0700, 0.3052, 0.3266
Android (android.graphics.Color)	4290955980 (0xFFC2CACC)
YUV	199.8360, 2.0529, -5.1182
Hunter-Lab	76.2037, -6.2394, 2.3998

Details

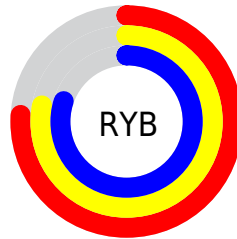
The XYZ color **54.2677, 58.0700, 65.4752** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.3795, 56.2117, 59.0235**, and the grayscale version is **54.7903, 57.6437, 62.7740**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **26.9101, 28.9573, 33.0252** is the 20% darker color. If you saturate the color by 10%, you get **48.4445, 53.6694, 64.9336**, and if you desaturate by 10%, it is **60.8383, 62.8966, 66.0614**.

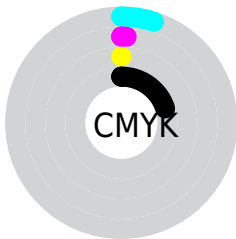
Distribution



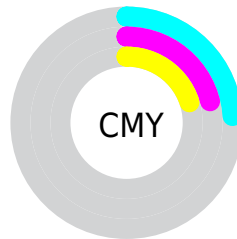
- Red (76%)
- Green (79%)
- Blue (80%)



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



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2677, 58.0700, 65.4752 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 54.2677, 58.0700, 65.4752 by changing the saturation by 10% instead.

■ 54.2677, 58.0700,
65.4752

■ 54.2677, 58.0700,
65.4752

393.3117,
417.4467, 462.8505

■ 39.0472, 41.8649,
47.3927

■ 95.6218, 102.0248,
114.3526

■ 26.9774, 28.9955,
32.9897

122.4861,
130.5433, 145.9846

■ 17.6927, 19.0774,
21.8475

153.9625,
163.9351, 182.9701

■ 10.8280, 11.7263,
13.5476

190.4162,
202.5845, 225.7278

■ 6.0177, 6.5576,
7.6716

232.2126,
246.8760, 274.6761

■ 2.8966, 3.1870,
3.8008

279.7171,

■ 1.0993, 1.2301,

297.1939, 330.2337

1.5167

333.2950,
353.9227, 392.8190

■ 0.0246, 0.0861,
0.2303

■ 0.0000, 0.0000,
0.0000

■ 54.2677, 58.0700,
65.4752

■ 54.2677, 58.0700,
65.4752

■ 48.4445, 53.6694,
64.9336

■ 60.8383, 62.8966,
66.0614

■ 43.3343, 49.6719,
64.4313

■ 68.1788, 68.1562,
66.6897

■ 38.9075, 46.0636,
63.9682

■ 76.2428, 73.8268,
67.3592

■ 35.1305, 42.8269,
63.5425

■ 77.2881, 75.9174,
67.7077

■ 31.9667, 39.9426,
63.1525

■ 78.3594, 78.0600,
68.0648

■ 29.3758, 37.3897,
62.7963

■ 79.4569, 80.2549,
68.4306

■ 27.3124, 35.1444,
62.4717

■ 80.5807, 82.5025,
68.8052

■ 25.7240, 33.1793,
62.1761

■ 81.7310, 84.8031,
69.1886

■ 24.5467, 31.4612,
61.9066

■ 82.9080, 87.1571,
69.5810

Harmonies

Analogous

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



54.0081, 58.0700, 63.8198



54.2677, 58.0700, 65.4752



54.7760, 58.0700, 66.5414

Triad

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



54.2677, 58.0700, 65.4752



56.3388, 58.0700, 64.4355



54.9882, 58.0700, 59.8694

Complementary

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



54.2677, 58.0700, 65.4752



54.3795, 56.2117, 59.0235

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.



55.6137, 58.0700, 60.0271



54.2677, 58.0700, 65.4752



56.3967, 58.0700, 62.6406

Square

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



54.2677, 58.0700, 65.4752



55.9728, 58.0700, 65.9333



56.1304, 58.0700, 61.0335



54.4220, 58.0700, 60.5985

Rectangle

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



54.2677, 58.0700, 65.4752



55.1892, 58.0700, 66.7629



56.1304, 58.0700, 61.0335



55.1984, 58.0700, 59.8208

Sweetspot

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



54.2694, 58.0725, 65.4765



93.9558, 99.1951, 108.8023



53.7867, 58.6339, 60.6086



20.1220, 21.2403, 23.2892



0.0000, 0.0000, 0.0000



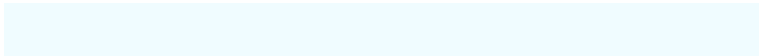
20.3446, 21.4041, 23.3091

Same Dimension

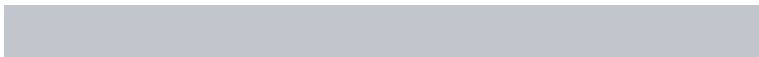
The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.2694, 58.0725, 65.4765



88.6765, 95.2790, 108.3247



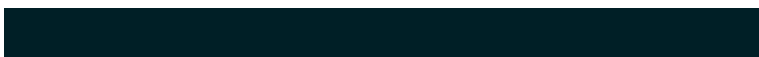
53.1522, 55.8381, 65.1041



11.7155, 12.6096, 14.3868



15.2002, 19.4243, 38.9044



0.8338, 1.1014, 2.0236

Inverse Universe

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



54.8555, 55.6862, 63.7373



89.8738, 90.4285, 104.7673



55.4881, 58.4290, 59.3931



11.8873, 11.9153, 13.8762



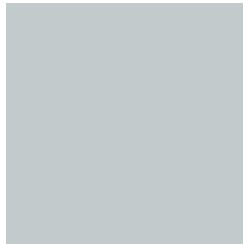
19.8833, 9.7639, 22.9017



1.0508, 0.5137, 1.3135

Previews

White Background



This preview shows how the XYZ color 54.2677, 58.0700, 65.4752 looks on a white background.

Color Contrast Check

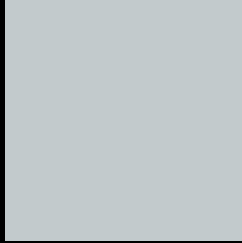
Large Text (above 18pt) WCAG AA × Fail

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 54.2677, 58.0700, 65.4752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

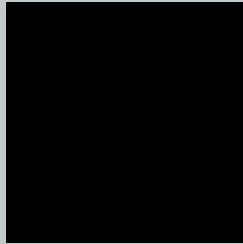
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

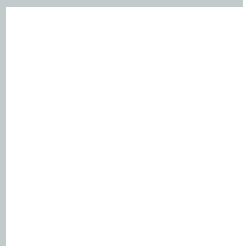
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.2677, 58.0700, 65.4752

Background



This preview shows how black text looks on a background with the XYZ color 54.2677, 58.0700, 65.4752.

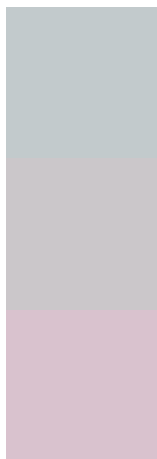


This preview shows how white text looks on a background with the XYZ color 54.2677, 58.0700,

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

54.2677, 58.0700, 65.4752

Protanopia

55.7127, 57.8076, 64.0987

Deuteranopia

59.0476, 57.7915, 66.4353



Tritanopia

55.8139, 58.0022, 73.2196

Trichromacy



Original Color

54.2677, 58.0700, 65.4752

Protanomaly

55.2532, 57.8997, 64.7635

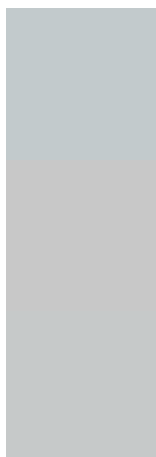
Deuteranomaly

57.2802, 57.8956, 65.9136

Tritanomaly

55.2760, 58.1289, 70.5940

Monochromacy



Original Color

54.2677, 58.0700, 65.4752

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 54.2677, 58.0700, 65.4752 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(194, 202, 204) looks like.

```
.text, #text, p{  
    color:rgb(194, 202, 204)  
}
```

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(194, 202, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 202, 204) }
```

Border

The CSS property to change the border of an element to XYZ 54.2677, 58.0700, 65.4752 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(194, 202, 204) }
```


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

```
.border{ border-color:rgb(194, 202, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 202, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 202, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 202, 204);  
box-shadow:4px 4px 4px 4px rgb(194, 202,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2677, 58.0700, 65.4752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 202, 204) }
```

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

```
.background{ background-color: rgb(194,  
202, 204) }
```

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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