

Converting Colors

XYZ(54.7342, 56.3093, 65.9822)

Have a look what the booklet for
XYZ(54.7342, 56.3093, 65.9822)
contains.

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Color

**XYZ(54.5788, 56.1670,
65.7223)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C4CD
RGB	200, 196, 205
RGB Percent	78%, 77%, 80%
CMY	0.2157, 0.2314, 0.1961
CMYK	0.02, 0.04, 0.00, 0.20
HSL	267°, 8%, 79%
HSV	267°, 4%, 80%
XYZ	54.5788, 56.1670, 65.7223
YIQ	198.2220, -0.5050, 3.6470

Conversions

Conversions Part 2

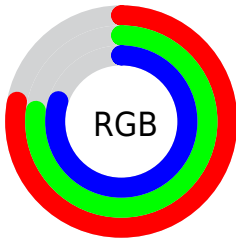
Format	Color
R _Y B	200, 196, 205
Decimal	13157581
CIE Lab	79.71, 3.05, -4.01
CIE LCh	80, 5.038, 307.287
Yxy	56.1670, 0.3093, 0.3183
Android (android.graphics.Color)	4291347661 (0xFFC8C4CD)
YUV	198.2220, 3.3416, 1.5593
Hunter-Lab	74.9446, -1.1596, 0.4672

Details

The XYZ color **54.5788, 56.1670, 65.7223** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.8846, 60.0672, 60.8761**, and the grayscale version is **53.7934, 56.5949, 61.6318**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **27.1130, 27.6914, 33.1941** is the 20% darker color. If you saturate the color by 10%, you get **47.3373, 46.0334, 64.1488**, and if you desaturate by 10%, it is **62.6821, 67.6859, 67.5194**.

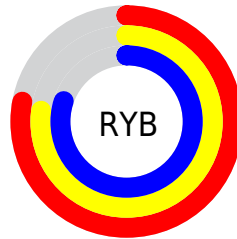
Distribution



Red (78%)

Green (77%)

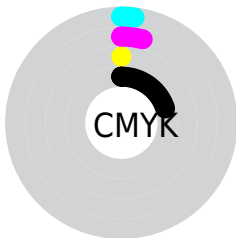
Blue (80%)



Red (78%)

Yellow (77%)

Blue (80%)

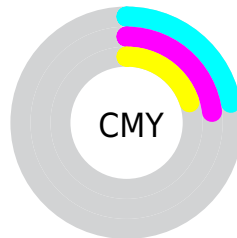


Cyan (2%)

Magenta (4%)

Yellow (0%)

Black (20%)



Cyan (22%)

Magenta (23%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5788, 56.1670, 65.7223 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 54.5788, 56.1670, 65.7223 by changing the saturation by 10% instead.

■ 54.5788, 56.1670,
65.7223

■ 54.5788, 56.1670,
65.7223

394.4758,
410.3206, 463.7601

■ 39.2971, 40.3368,
47.5919

96.0755, 99.2487,
114.7109

■ 27.1727, 27.8013,
33.1462

123.0212,
127.2690, 146.4062

■ 17.8402, 18.1759,
21.9664

154.5856,
160.1215, 183.4602

■ 10.9343, 11.0764,
13.6341

191.1341,
198.1906, 226.2915

■ 6.0897, 6.1182,
7.7308

233.0320,
241.8607, 275.3186

■ 2.9409, 2.9171,
3.8379

280.6446,

■ 1.1226, 1.0886,

291.5161, 330.9600

1.5368

334.3375,
347.5412, 393.6344

■ 0.0439, 0.0000,
0.2451

■ 0.0000, 0.0000,
0.0000

■ 54.5788, 56.1670,
65.7223

■ 54.5788, 56.1670,
65.7223

■ 47.3373, 46.0334,
64.1488

■ 62.6821, 67.6859,
67.5194

■ 40.9223, 37.2245,
62.7866

■ 71.6712, 80.6333,
69.5448

■ 35.3033, 29.6856,
61.6277

■ 80.7705, 93.4508,
71.5392

■ 30.4458, 23.3557,
60.6619

■ 84.6361, 95.4436,
71.7201

■ 26.3124, 18.1683,
59.8785

■ 88.0196, 97.1878,
71.8784

■ 22.8625, 14.0503,
59.2654

■ 20.0508, 10.9201,
58.8094

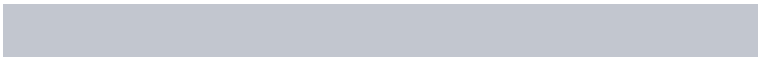
■ 17.8254, 8.6833,
58.4950

■ 16.1246, 7.2259,
58.3033

Harmonies

Analogous

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



53.6335, 56.1670, 66.8829



54.5788, 56.1670, 65.7223



55.2098, 56.1670, 63.3448

Triad

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



54.5788, 56.1670, 65.7223



54.1438, 56.1670, 56.1331



51.4683, 56.1670, 61.8696

Complementary

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



54.5788, 56.1670, 65.7223



55.8846, 60.0672, 60.8761

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.



51.6010, 56.1670, 59.0188



54.5788, 56.1670, 65.7223



53.1373, 56.1670, 55.7663

Square

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



54.5788, 56.1670, 65.7223



54.9564, 56.1670, 57.8251



52.2088, 56.1670, 56.8069



51.8439, 56.1670, 64.6131

Rectangle

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



54.5788, 56.1670, 65.7223



55.3628, 56.1670, 61.4218



52.2088, 56.1670, 56.8069



51.4550, 56.1670, 60.8916

Sweetspot

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



54.5804, 56.1694, 65.7235



93.7224, 98.1160, 108.6063



54.6964, 57.9655, 66.0641



20.0745, 21.0207, 23.2493



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.



54.5804, 56.1694, 65.7235



88.5576, 90.8140, 107.4691



55.7727, 56.7840, 65.7793



11.6721, 11.9333, 14.2585



9.6560, 4.1854, 36.2552



0.5849, 0.2607, 1.8744

Inverse Universe

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



55.4614, 56.6786, 63.2781



90.2179, 91.7737, 102.8565



54.7185, 59.4660, 60.8215



11.9170, 12.0749, 13.5776



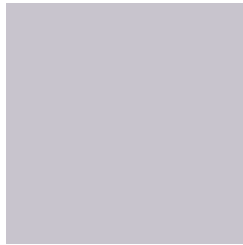
17.6103, 8.8547, 10.9326



0.9463, 0.4719, 0.7633

Previews

White Background



This preview shows how the XYZ color 54.5788, 56.1670, 65.7223 looks on a white background.

Color Contrast Check

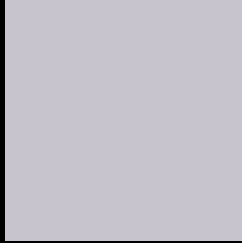
Large Text (above 18pt) WCAG AA × Fail

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 54.5788, 56.1670, 65.7223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

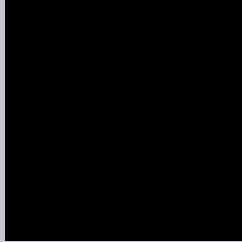
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5788, 56.1670, 65.7223

Background



This preview shows how black text looks on a background with the XYZ color 54.5788, 56.1670, 65.7223.



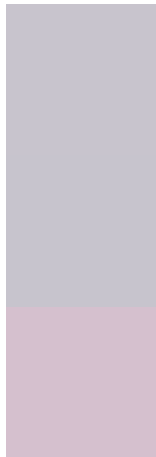
This preview shows how white text looks on a background with the XYZ color 54.5788, 56.1670,

65.7223.

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

54.5788, 56.1670, 65.7223

Protanopia

54.3126, 56.0297, 65.7099

Deuteranopia

57.4308, 56.3016, 66.2329



Tritanopia

55.3604, 56.1509, 69.5484

Trichromacy



Original Color

54.5788, 56.1670, 65.7223

Protanomaly

54.3126, 56.0297, 65.7099

Deuteranomaly

56.2230, 56.0061, 66.2395

Tritanomaly

55.1111, 56.0512, 68.2359

Monochromacy



Original Color

54.5788, 56.1670, 65.7223

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.0621, 56.2917, 63.2743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5788, 56.1670, 65.7223 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, 196, 205) looks like.

```
.text, #text, p{  
    color:rgb(200, 196, 205)  
}
```

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, 196, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 196, 205) }
```

Border

The CSS property to change the border of an element to XYZ 54.5788, 56.1670, 65.7223 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, 196, 205) }
```


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

```
.border{ border-color:rgb(200, 196, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 196, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 196, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 196, 205);  
box-shadow:4px 4px 4px 4px rgb(200, 196,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5788, 56.1670, 65.7223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 196, 205) }
```

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

```
.background{ background-color: rgb(200,  
196, 205) }
```

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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