

Converting Colors

XYZ(54.2398, 56.2717, 68.3244)

Have a look what the booklet for
XYZ(54.2398, 56.2717, 68.3244)
contains.

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Color

**XYZ(54.2398, 56.2717,
68.3244)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C5D1
RGB	196, 197, 209
RGB Percent	77%, 77%, 82%
CMY	0.2314, 0.2274, 0.1804
CMYK	0.06, 0.06, 0.00, 0.18
HSL	235°, 12%, 79%
HSV	235°, 6%, 82%
XYZ	54.2398, 56.2717, 68.3244
YIQ	198.0690, -4.4480, 3.5200

Conversions

Conversions Part 2

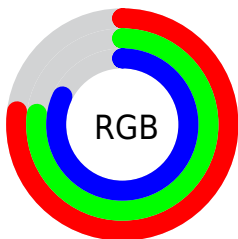
Format	Color
R _Y B	196, 197, 209
Decimal	12895697
CIE Lab	79.77, 1.93, -6.11
CIE LCh	80, 6.407, 287.569
Yxy	56.2717, 0.3033, 0.3147
Android (android.graphics.Color)	4291085777 (0xFFC4C5D1)
YUV	198.0690, 5.3890, -1.8145
Hunter-Lab	75.0145, -2.2095, -1.4922

Details

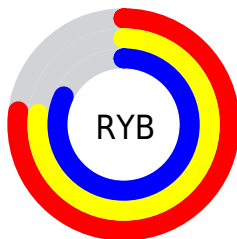
The XYZ color **54.2398, 56.2717, 68.3244** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8143, 62.6520, 61.2187**, and the grayscale version is **53.6900, 56.4861, 61.5133**.

A 20% lighter version of the original color is **93.9998, 98.9863, 108.7597**, and **26.8942, 27.7623, 34.9515** is the 20% darker color. If you saturate the color by 10%, you get **45.0749, 45.4576, 66.7210**, and if you desaturate by 10%, it is **64.7256, 68.6017, 70.1525**.

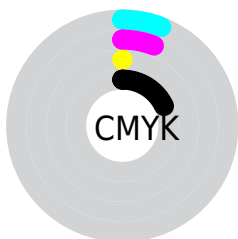
Distribution



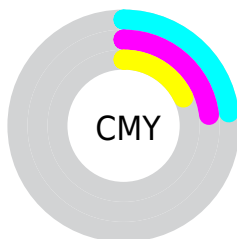
- Red (77%)
- Green (77%)
- Blue (82%)



- Red (77%)
- Yellow (77%)
- Blue (82%)



- Cyan (6%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



- Cyan (23%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.2398, 56.2717, 68.3244 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 54.2398, 56.2717, 68.3244 by changing the saturation by 10% instead.

■ 54.2398, 56.2717,
68.3244

■ 54.2398, 56.2717,
68.3244

393.2072,
410.7146, 473.2738

■ 39.0248, 40.4208,
49.6934

■ 95.5811, 99.4017,
118.4747

■ 26.9599, 27.8668,
34.8003

122.4381,
127.4496, 150.8310

■ 17.6795, 18.2253,
23.2268

153.9066,
160.3320, 188.5996

■ 10.8184, 11.1118,
14.5542

190.3517,
198.4332, 232.1988

■ 6.0113, 6.1421,
8.3640

232.1391,
242.1377, 282.0473

■ 2.8927, 2.9317,
4.2376

279.6338,

■ 1.0973, 1.0962,

291.8299, 338.5636

1.7566

333.2014,
347.8940, 402.1662

■ 0.0228, 0.0000,
0.3991

■ 0.0000, 0.0000,
0.0000

■ 54.2398, 56.2717,
68.3244

■ 54.2398, 56.2717,
68.3244

■ 45.0749, 45.4576,
66.7210

■ 64.7256, 68.6017,
70.1525

■ 37.1739, 36.0939,
65.3300

■ 76.5767, 82.4954,
72.2097

■ 30.4825, 28.1211,
64.1438

■ 88.4663, 97.2986,
74.4403

■ 24.9411, 21.4727,
63.1526

■ 88.5088, 97.3835,
74.4545

■ 20.4845, 16.0768,
62.3460

■ 17.0414, 11.8546,
61.7125

■ 14.5317, 8.7185,
61.2394

■ 12.8631, 6.5682,
60.9123

■ 11.9224, 5.2840,
60.7140

Harmonies

Analogous

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



52.9503, 56.2717, 68.5025



54.2398, 56.2717, 68.3244



55.3438, 56.2717, 66.2095

Triad

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



54.2398, 56.2717, 68.3244



55.1825, 56.2717, 56.1555



51.0893, 56.2717, 59.7478

Complementary

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



54.2398, 56.2717, 68.3244



58.8143, 62.6520, 61.2187

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.



51.6675, 56.2717, 56.5831



54.2398, 56.2717, 68.3244



54.0224, 56.2717, 54.5660

Square

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



54.2398, 56.2717, 68.3244



55.8940, 56.2717, 59.1426



52.7364, 56.2717, 54.7193



51.1453, 56.2717, 63.4485

Rectangle

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



54.2398, 56.2717, 68.3244



55.8197, 56.2717, 64.0322



52.7364, 56.2717, 54.7193



51.2155, 56.2717, 58.5890

Sweetspot

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



54.2414, 56.2741, 68.3256



91.7154, 96.0793, 108.3190



56.9412, 61.8876, 68.5660



19.6658, 20.6060, 23.1908



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.



54.2414, 56.2741, 68.3256



83.7535, 86.7070, 106.9296



55.4490, 56.5596, 68.3171



11.6293, 12.0259, 14.9519



7.2396, 3.1259, 37.4143



0.4309, 0.2270, 2.1007

Inverse Universe

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



56.1137, 57.0675, 60.8837



87.0779, 88.1194, 93.7150



57.5529, 62.3660, 61.2299



12.1227, 12.2357, 12.9909



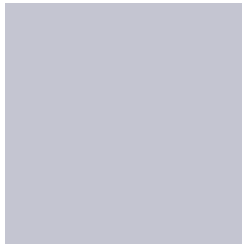
16.2850, 8.3868, 1.1408



0.9237, 0.4742, 0.1333

Previews

White Background



This preview shows how the XYZ color 54.2398, 56.2717, 68.3244 looks on a white background.

Color Contrast Check

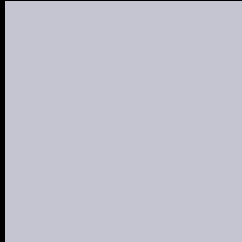
Large Text (above 18pt) WCAG AA × Fail

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 54.2398, 56.2717, 68.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

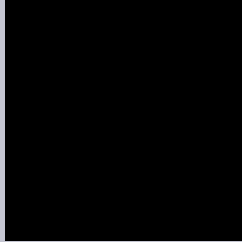
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.2398, 56.2717, 68.3244

Background



This preview shows how black text looks on a background with the XYZ color 54.2398, 56.2717, 68.3244.

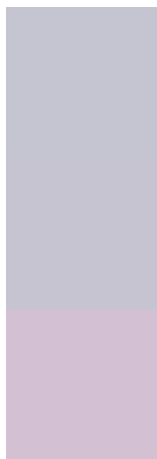


This preview shows how white text looks on a background with the XYZ color 54.2398, 56.2717,

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

54.2398, 56.2717, 68.3244

Protanopia

54.5373, 56.0891, 68.2735

Deuteranopia

57.3465, 56.2013, 68.7982



Tritanopia

54.6149, 56.4217, 70.2993

Trichromacy



Original Color

54.2398, 56.2717, 68.3244

Protanomaly

54.2745, 55.9536, 68.2612

Deuteranomaly

56.3782, 56.3585, 68.8796

Tritanomaly

54.4891, 56.3714, 69.6369

Monochromacy



Original Color

54.2398, 56.2717, 68.3244

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.8807, 56.5228, 63.9473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2398, 56.2717, 68.3244 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(196, 197, 209) looks like.

```
.text, #text, p{  
    color:rgb(196, 197, 209)  
}
```

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(196, 197, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 197, 209) }
```

Border

The CSS property to change the border of an element to XYZ 54.2398, 56.2717, 68.3244 is called "border". The border property can be set on classes, ids or directly on the HTML element.

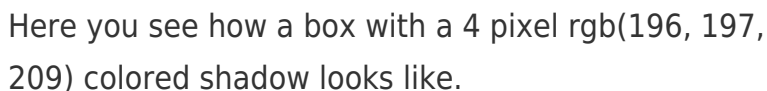
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 197, 209) }
```


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

```
.border{ border-color:rgb(196, 197, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 197, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 197, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 197, 209);  
box-shadow:4px 4px 4px 4px rgb(196, 197,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2398, 56.2717, 68.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 197, 209) }
```

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

```
.background{ background-color: rgb(196,  
197, 209) }
```

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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