

Converting Colors

XYZ(53.8739, 56.6813, 67.6046)

Have a look what the booklet for
XYZ(53.8739, 56.6813, 67.6046)
contains.

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Color

**XYZ(54.0567, 56.8702,
67.8025)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C7D0
RGB	194, 199, 208
RGB Percent	76%, 78%, 82%
CMY	0.2392, 0.2196, 0.1843
CMYK	0.07, 0.04, 0.00, 0.18
HSL	219°, 13%, 79%
HSV	219°, 7%, 82%
XYZ	54.0567, 56.8702, 67.8025
YIQ	198.5310, -5.8690, 1.7390

Conversions

Conversions Part 2

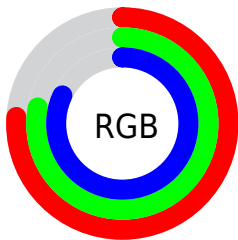
Format	Color
R _Y B	194, 198, 208
Decimal	12765136
CIE Lab	80.11, 0.01, -5.09
CIE LCh	80, 5.088, 270.094
Yxy	56.8702, 0.3024, 0.3182
Android (android.graphics.Color)	4290955216 (0xFFC2C7D0)
YUV	198.5310, 4.6682, -3.9737
Hunter-Lab	75.4123, -4.0201, -0.5184

Details

The XYZ color **54.0567, 56.8702, 67.8025** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.1062, 60.0164, 59.6144**, and the grayscale version is **53.9760, 56.7870, 61.8410**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **26.7734, 28.1593, 34.5960** is the 20% darker color. If you saturate the color by 10%, you get **46.1461, 48.4266, 66.5905**, and if you desaturate by 10%, it is **62.9880, 66.2442, 69.1420**.

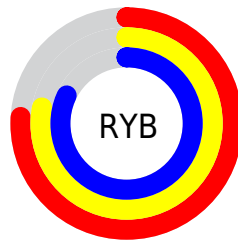
Distribution



Red (76%)

Green (78%)

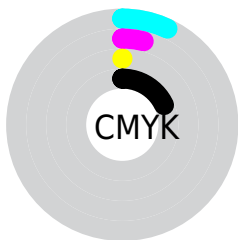
Blue (82%)



Red (76%)

Yellow (78%)

Blue (82%)

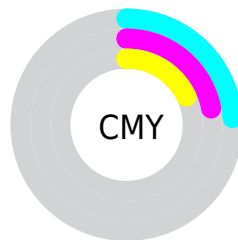


Cyan (7%)

Magenta (4%)

Yellow (0%)

Black (18%)



Cyan (24%)

Magenta (22%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0567, 56.8702, 67.8025 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 54.0567, 56.8702, 67.8025 by changing the saturation by 10% instead.

■ 54.0567, 56.8702,
67.8025

■ 54.0567, 56.8702,
67.8025

392.5210,
412.9628, 471.3750

■ 38.8778, 40.9010,
49.2714

■ 95.3139, 100.2758,
117.7211

■ 26.8450, 28.2418,
34.4677

122.1230,
128.4810, 149.9457

■ 17.5928, 18.5080,
22.9729

153.5394,
161.5336, 187.5718

■ 10.7560, 11.3153,
14.3684

189.9287,
199.8181, 231.0181

■ 5.9691, 6.2793,
8.2356

231.6562,
243.7189, 280.7030

■ 2.8668, 3.0157,
4.1562

279.0871,

■ 1.0837, 1.1399,

293.6204, 337.0451

1.7114

332.5870,
349.9068, 400.4629

■ 0.0114, 0.0118,
0.3685

■ 0.0000, 0.0000,
0.0000

■ 54.0567, 56.8702,
67.8025

■ 54.0567, 56.8702,
67.8025

■ 46.1461, 48.4266,
66.5905

■ 62.9880, 66.2442,
69.1420

■ 39.2135, 40.8764,
65.4986

■ 72.9707, 76.5696,
70.6089

■ 33.2203, 34.1906,
64.5240

■ 83.5228, 87.6091,
72.1835

■ 28.1234, 28.3358,
63.6625

■ 87.5844, 95.7323,
73.5374

■ 23.8761, 23.2763,
62.9098

■ 88.3853, 97.3341,
73.8044

■ 20.4271, 18.9733,
62.2610

■ 17.7192, 15.3843,
61.7110

■ 15.6864, 12.4615,
61.2540

■ 14.2449, 10.1469,
60.8832

Harmonies

Analogous

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



53.0666, 56.8702, 66.9989



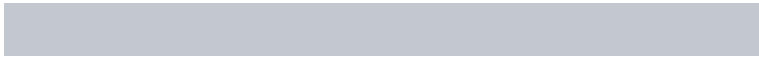
54.0567, 56.8702, 67.8025



55.0582, 56.8702, 66.9890

Triad

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



54.0567, 56.8702, 67.8025



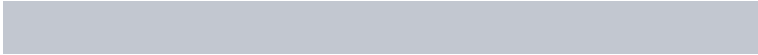
55.7949, 56.8702, 59.1058



52.3454, 56.8702, 59.1216

Complementary

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



54.0567, 56.8702, 67.8025



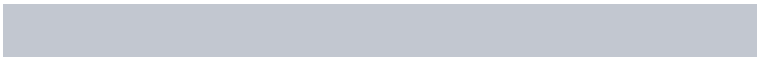
57.1062, 60.0164, 59.6144

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.



53.0609, 56.8702, 57.1171



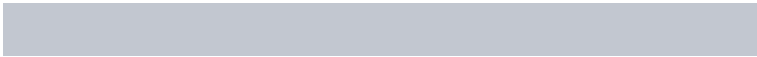
54.0567, 56.8702, 67.8025



55.0524, 56.8702, 57.1082

Square

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



54.0567, 56.8702, 67.8025



56.0695, 56.8702, 61.9126



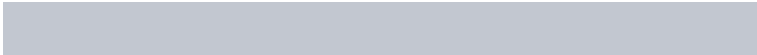
54.0501, 56.8702, 56.3917



52.0862, 56.8702, 61.9314

Rectangle

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



54.0567, 56.8702, 67.8025



55.5956, 56.8702, 65.6535



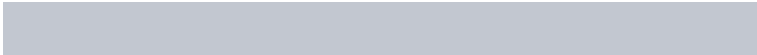
54.0501, 56.8702, 56.3917



52.5401, 56.8702, 58.3346

Sweetspot

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



54.0583, 56.8726, 67.8038



92.1618, 96.9722, 108.4678



55.5685, 60.8875, 65.2413



19.7567, 20.7878, 23.2211



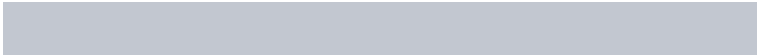
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



54.0583, 56.8726, 67.8038



83.8984, 88.2530, 107.2204



53.4082, 54.8565, 67.4489



11.5045, 12.0992, 14.9727



8.7192, 6.0851, 37.9075



0.5617, 0.4886, 2.1443

Inverse Universe

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



55.6143, 56.1181, 61.9363



86.8444, 86.8521, 96.1048



57.7850, 62.1487, 59.9902



11.9808, 11.8770, 13.1746



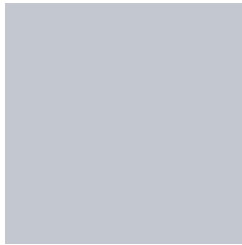
17.0318, 8.6856, 5.0736



0.9898, 0.5006, 0.4809

Previews

White Background



This preview shows how the XYZ color 54.0567, 56.8702, 67.8025 looks on a white background.

Color Contrast Check

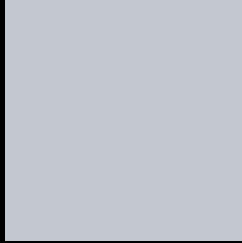
Large Text (above 18pt) WCAG AA × Fail

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 54.0567, 56.8702, 67.8025 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

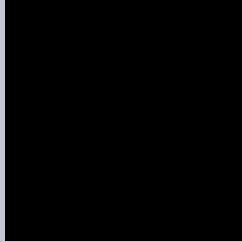
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

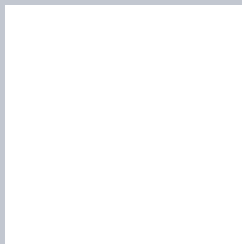
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.0567, 56.8702, 67.8025

Background



This preview shows how black text looks on a background with the XYZ color 54.0567, 56.8702, 67.8025.



This preview shows how white text looks on a background with the XYZ color 54.0567, 56.8702,

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

54.0567, 56.8702, 67.8025

Protanopia

55.0482, 56.7169, 67.0776

Deuteranopia

58.0192, 56.8895, 68.2444



Tritanopia

54.8374, 56.8453, 71.7003

Trichromacy



Original Color

54.0567, 56.8702, 67.8025

Protanomaly

54.7453, 56.8989, 67.1287

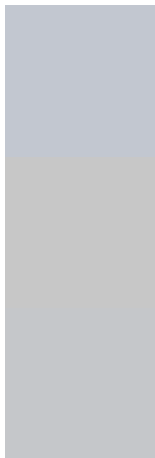
Deuteranomaly

56.4773, 56.7555, 68.2998

Tritanomaly

54.5834, 56.7437, 70.3631

Monochromacy



Original Color

54.0567, 56.8702, 67.8025

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.1101, 56.9814, 64.0237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0567, 56.8702, 67.8025 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, 199, 208)` looks like.

```
.text, #text, p{  
    color:rgb(194, 199, 208)  
}
```

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, 199, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 199, 208) }
```

Border

The CSS property to change the border of an element to XYZ 54.0567, 56.8702, 67.8025 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, 199, 208) }
```


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

```
.border{ border-color:rgb(194, 199, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 199, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 199, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 199, 208);  
box-shadow:4px 4px 4px 4px rgb(194, 199,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0567, 56.8702, 67.8025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 199, 208) }
```

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

```
.background{ background-color: rgb(194,  
199, 208) }
```

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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