

Converting Colors

XYZ(54.6772, 58.3766, 78.3675)

Have a look what the booklet for
XYZ(54.6772, 58.3766, 78.3675)
contains.

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Color

**XYZ(54.6828, 58.3539,
78.1934)**

Conversions

Conversions Part 1

Format	Color
Hex	B9CBDF
RGB	185, 203, 223
RGB Percent	73%, 80%, 87%
CMY	0.2745, 0.2039, 0.1255
CMYK	0.17, 0.09, 0.00, 0.13
HSL	212°, 37%, 80%
HSV	212°, 17%, 87%
XYZ	54.6828, 58.3539, 78.1934
YIQ	199.8980, -17.1480, 2.4040

Conversions

Conversions Part 2

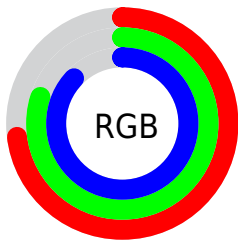
Format	Color
R _{YB}	185, 197, 223
Decimal	12176351
CIE Lab	80.94, -1.97, -11.97
CIE LCh	81, 12.133, 260.656
Yxy	58.3539, 0.2860, 0.3052
Android (android.graphics.Color)	4290366431 (0xFFB9CBDF)
YUV	199.8980, 11.3893, -13.0655
Hunter-Lab	76.3897, -5.9046, -7.2171

Details

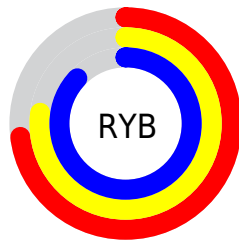
The XYZ color **54.6828, 58.3539, 78.1934** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.0201, 62.8533, 54.8159**, and the grayscale version is **54.7781, 57.6308, 62.7599**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **27.3310, 29.2276, 41.2468** is the 20% darker color. If you saturate the color by 10%, you get **47.0523, 50.4620, 77.0732**, and if you desaturate by 10%, it is **63.3704, 67.1052, 79.4256**.

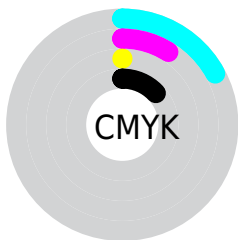
Distribution



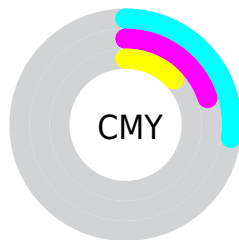
- Red (73%)
- Green (80%)
- Blue (87%)



- Red (73%)
- Yellow (77%)
- Blue (87%)



- Cyan (17%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6828, 58.3539, 78.1934 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 54.6828, 58.3539, 78.1934 by changing the saturation by 10% instead.

■ 54.6828, 58.3539,
78.1934

■ 54.6828, 58.3539,
78.1934

394.8644,
418.5034, 508.3687

■ 39.3807, 42.0932,
57.7155

■ 96.2271, 102.4380,
132.6111

■ 27.2380, 29.1743,
41.1668

123.1999,
131.0303, 167.3879

■ 17.8896, 19.2127,
28.1287

154.7937,
164.5019, 207.7681

■ 10.9700, 11.8241,
18.1828

191.3738,
203.2372, 254.1702

■ 6.1138, 6.6240,
10.9105

233.3056,
247.6206, 307.0128

■ 2.9557, 3.2281,
5.8933

280.9544,

■ 1.1304, 1.2519,

298.0365, 366.7144

2.7126

334.6855,
354.8693, 433.6935

■ 0.0503, 0.1035,
0.9497

■ 0.0000, 0.0000,
0.0000

■ 54.6828, 58.3539,
78.1934

■ 54.6828, 58.3539,
78.1934

■ 47.0523, 50.4620,
77.0732

■ 63.3704, 67.1052,
79.4256

■ 40.4298, 43.3928,
76.0578

■ 73.1509, 76.7366,
80.7692

■ 34.7699, 37.1173,
75.1448

■ 84.0649, 87.2767,
82.2284

■ 30.0215, 31.6019,
74.3305

■ 88.7282, 94.9253,
83.4589

■ 26.1282, 26.8099,
73.6107

■ 90.3195, 98.1078,
83.9894

■ 23.0267, 22.7005,
72.9810

■ 20.6434, 19.2276,
72.4363

■ 18.8837, 16.3336,
71.9704

■ 18.4373, 15.5634,
71.8453

Harmonies

Analogous

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



52.4564, 58.3539, 74.8512



54.6828, 58.3539, 78.1934



57.1856, 58.3539, 77.3855

Triad

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



54.6828, 58.3539, 78.1934



60.1088, 58.3539, 58.7800



51.8102, 58.3539, 55.1620

Complementary

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



54.6828, 58.3539, 78.1934



61.0201, 62.8533, 54.8159

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.



53.7766, 58.3539, 51.4487



54.6828, 58.3539, 78.1934



58.5837, 58.3539, 53.4254

Square

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



54.6828, 58.3539, 78.1934



60.3693, 58.3539, 65.8109



56.2519, 58.3539, 50.8378



50.8312, 58.3539, 61.3170

Rectangle

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



54.6828, 58.3539, 78.1934



58.6716, 58.3539, 74.6243



56.2519, 58.3539, 50.8378



52.3748, 58.3539, 53.6070

Sweetspot

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



54.6845, 58.3563, 78.1947



88.4106, 93.4550, 107.9866



57.3716, 67.4808, 67.5282



18.7303, 19.8116, 23.0868



0.0000, 0.0000, 0.0000



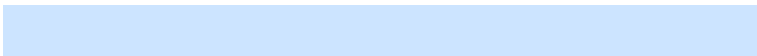
20.3446, 21.4041, 23.3091

Same Dimension

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



54.6845, 58.3563, 78.1947



70.7397, 75.6331, 105.4780



50.8301, 50.4201, 76.8660



13.4849, 14.3089, 17.4389



10.9522, 9.3739, 42.2805



0.8483, 0.8281, 2.9604

Inverse Universe

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



58.5613, 54.6990, 63.9741



76.8589, 70.0561, 82.9877



65.3823, 71.8667, 56.3258



13.9762, 13.8081, 15.6450



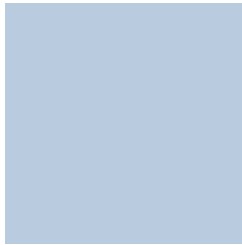
19.4684, 9.8543, 9.1321



1.3944, 0.7011, 0.8700

Previews

White Background



This preview shows how the XYZ color 54.6828, 58.3539, 78.1934 looks on a white background.

Color Contrast Check

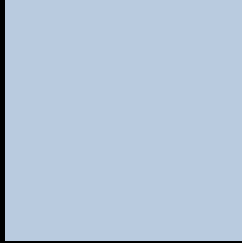
Large Text (above 18pt) WCAG AA × Fail

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 54.6828, 58.3539, 78.1934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

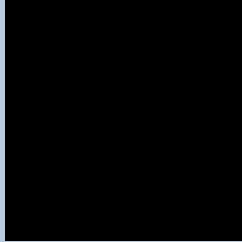
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

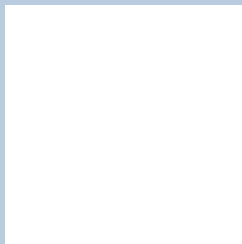
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.6828, 58.3539, 78.1934

Background



This preview shows how black text looks on a background with the XYZ color 54.6828, 58.3539, 78.1934.



This preview shows how white text looks on a background with the XYZ color 54.6828, 58.3539,

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

54.6828, 58.3539, 78.1934

Protanopia

56.7633, 58.0731, 76.6241

Deuteranopia

59.4002, 58.0218, 79.3028



Tritanopia

54.2783, 58.5434, 76.1494

Trichromacy



Original Color

54.6828, 58.3539, 78.1934

Protanomaly

55.8314, 57.9199, 77.3443

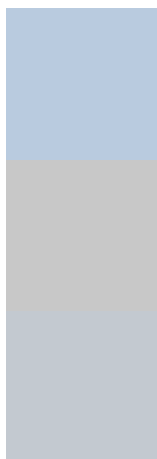
Deuteranomaly

57.4680, 58.0493, 78.6968

Tritanomaly

54.4112, 58.5965, 76.8491

Monochromacy



Original Color

54.6828, 58.3539, 78.1934

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.7775, 57.9295, 67.9689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6828, 58.3539, 78.1934 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(185, 203, 223) looks like.

```
.text, #text, p{  
    color:rgb(185, 203, 223)  
}
```

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(185, 203, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 203, 223) }
```

Border

The CSS property to change the border of an element to XYZ 54.6828, 58.3539, 78.1934 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(185, 203, 223) }
```


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

```
.border{ border-color:rgb(185, 203, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 203, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 203, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 203, 223); box-shadow:4px 4px 4px 4px rgb(185, 203, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6828, 58.3539, 78.1934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 203, 223) }
```

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

```
.background{ background-color: rgb(185,  
203, 223) }
```

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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