

Converting Colors

XYZ(54.7199, 58.5635, 80.5688)

Have a look what the booklet for
XYZ(54.7199, 58.5635, 80.5688)
contains.

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Color

**XYZ(54.8488, 58.7440,
80.3994)**

Conversions

Conversions Part 1

Format	Color
Hex	B7CCE2
RGB	183, 204, 226
RGB Percent	72%, 80%, 89%
CMY	0.2823, 0.2000, 0.1137
CMYK	0.19, 0.10, 0.00, 0.11
HSL	211°, 43%, 80%
HSV	211°, 19%, 89%
XYZ	54.8488, 58.7440, 80.3994
YIQ	200.2290, -19.5780, 2.3900

Conversions

Conversions Part 2

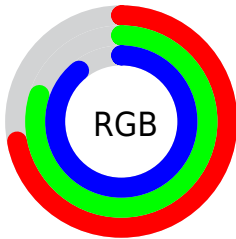
Format	Color
RYB	183, 197, 226
Decimal	12045538
CIELab	81.15, -2.48, -13.27
CIELCh	81, 13.499, 259.419
Yxy	58.7440, 0.2827, 0.3028
Android (android.graphics.Color)	4290235618 (0xFFB7CCE2)
YUV	200.2290, 12.7051, -15.1098
Hunter-Lab	76.6446, -6.3891, -8.5433

Details

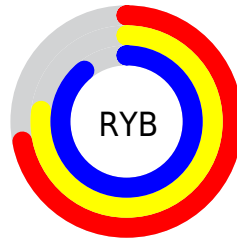
The XYZ color **54.8488, 58.7440, 80.3994** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7432, 63.2504, 53.7555**, and the grayscale version is **54.9750, 57.8380, 62.9856**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **27.3103, 29.4201, 42.7673** is the 20% darker color. If you saturate the color by 10%, you get **47.2524, 50.9001, 79.2867**, and if you desaturate by 10%, it is **63.5159, 67.4457, 81.6231**.

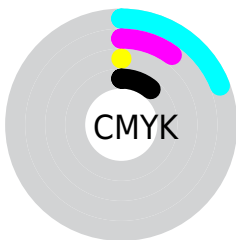
Distribution



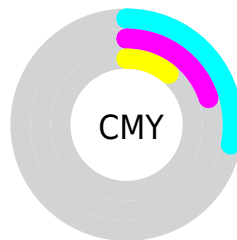
- Red (72%)
- Green (80%)
- Blue (89%)



- Red (72%)
- Yellow (77%)
- Blue (89%)



- Cyan (19%)
- Magenta (10%)
- Yellow (0%)
- Black (11%)



- Cyan (28%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8488, 58.7440, 80.3994 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 54.8488, 58.7440, 80.3994 by changing the saturation by 10% instead.

■ 54.8488, 58.7440,
80.3994

■ 54.8488, 58.7440,
80.3994

395.4843,
419.9526, 516.0200

■ 39.5140, 42.4071,
59.5190

■ 96.4690, 103.0055,
135.7436

■ 27.3424, 29.4202,
42.6083

123.4852,
131.6989, 171.0444

■ 17.9684, 19.3989,
29.2488

155.1258,
165.2798, 211.9892

■ 11.0269, 11.9589,
19.0219

191.7564,
204.1328, 258.9963

■ 6.1523, 6.7157,
11.5091

233.7421,
248.6422, 312.4844

■ 2.9795, 3.2849,
6.2919

281.4484,

■ 1.1429, 1.2822,

299.1923, 372.8721

2.9517

335.2407,
356.1677, 440.5778

■ 0.0606, 0.1274,
1.0700

■ 0.0000, 0.0000,
0.0000

■ 54.8488, 58.7440,
80.3994

■ 54.8488, 58.7440,
80.3994

■ 47.2524, 50.9001,
79.2867

■ 63.5159, 67.4457,
81.6231

■ 40.6759, 43.8768,
78.2777

■ 73.2909, 77.0262,
82.9572

■ 35.0719, 37.6445,
77.3701

■ 84.2159, 87.5149,
84.4059

■ 30.3872, 32.1686,
76.5601

■ 89.2313, 95.2783,
85.6400

■ 26.5627, 27.4115,
75.8434

■ 90.7277, 98.2711,
86.1388

■ 23.5316, 23.3311,
75.2156

■ 21.2157, 19.8792,
74.6714

■ 19.4956, 16.9860,
74.2036

■ 19.3452, 16.7262,
74.1613

Harmonies

Analogous

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



52.3950, 58.7440, 76.4406



54.8488, 58.7440, 80.3994



57.6490, 58.7440, 79.6831

Triad

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



54.8488, 58.7440, 80.3994



61.0832, 58.7440, 58.9573



51.8330, 58.7440, 54.4207

Complementary

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



54.8488, 58.7440, 80.3994



61.7432, 63.2504, 53.7555

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.



54.0583, 58.7440, 50.4583



54.8488, 58.7440, 80.3994



59.4211, 58.7440, 52.9216

Square

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



54.8488, 58.7440, 80.3994



61.3122, 58.7440, 66.8439



56.8318, 58.7440, 49.9335



50.6930, 58.7440, 61.1646

Rectangle

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



54.8488, 58.7440, 80.3994



59.3338, 58.7440, 76.6677



56.8318, 58.7440, 49.9335



52.4754, 58.7440, 52.7443

Sweetspot

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



54.8506, 58.7464, 80.4007



87.1971, 92.3201, 107.8315



57.6852, 68.8448, 67.6909



18.4878, 19.5869, 23.0562



0.0000, 0.0000, 0.0000



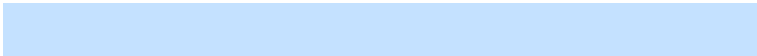
20.3446, 21.4041, 23.3091

Same Dimension

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



54.8506, 58.7464, 80.4007



67.8303, 72.8511, 105.0944



50.1907, 49.4267, 78.8474



13.5020, 14.3430, 17.4445



11.1544, 9.7784, 42.3479



0.8626, 0.8566, 2.9651

Inverse Universe

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



59.1981, 54.3968, 64.5090



74.6491, 66.3340, 80.1007



67.1087, 73.9814, 55.5440



13.9848, 13.8116, 15.6903



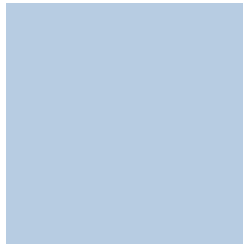
19.5704, 9.8952, 9.6696



1.4017, 0.7039, 0.9080

Previews

White Background



This preview shows how the XYZ color 54.8488, 58.7440, 80.3994 looks on a white background.

Color Contrast Check

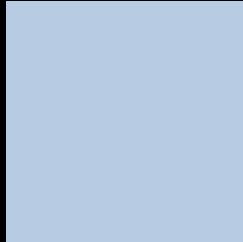
Large Text (above 18pt) WCAG AA × Fail

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 54.8488, 58.7440, 80.3994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

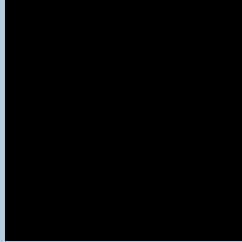
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

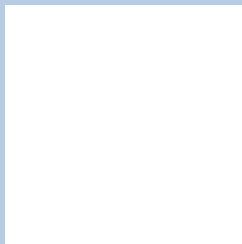
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.8488, 58.7440, 80.3994

Background



This preview shows how black text looks on a background with the XYZ color 54.8488, 58.7440, 80.3994.



This preview shows how white text looks on a background with the XYZ color 54.8488, 58.7440,

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

54.8488, 58.7440, 80.3994

Protanopia

57.2623, 58.6420, 78.1130

Deuteranopia

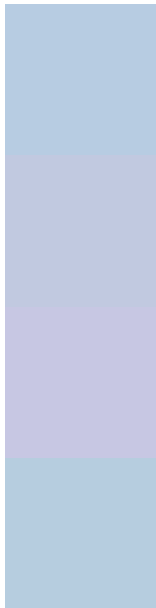
59.7559, 58.4912, 81.5392



Tritanopia

54.1739, 58.8282, 76.9063

Trichromacy



Original Color

54.8488, 58.7440, 80.3994

Protanomaly

56.3335, 58.4926, 78.8421

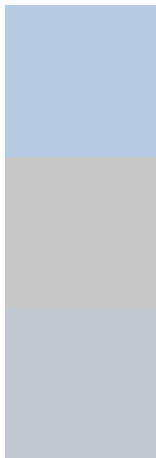
Deuteranomaly

57.8417, 58.5350, 80.9228

Tritanomaly

54.4420, 58.9354, 78.3183

Monochromacy



Original Color

54.8488, 58.7440, 80.3994

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.6434, 57.8461, 68.6070

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8488, 58.7440, 80.3994 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(183, 204, 226) looks like.

```
.text, #text, p{  
    color:rgb(183, 204, 226)  
}
```

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(183, 204, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 204, 226) }
```

Border

The CSS property to change the border of an element to XYZ 54.8488, 58.7440, 80.3994 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(183, 204, 226) }
```


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

```
.border{ border-color:rgb(183, 204, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 204, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 204, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 204, 226);  
box-shadow:4px 4px 4px 4px rgb(183, 204,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8488, 58.7440, 80.3994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 204, 226) }
```

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

```
.background{ background-color: rgb(183,  
204, 226) }
```

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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