

Converting Colors

XYZ(54.2301, 58.0556, 81.4109)

Have a look what the booklet for
XYZ(54.2301, 58.0556, 81.4109)
contains.

XYZ(54.1819, 58.0166, 81.7414)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.1819, 58.0166,
81.7414)**

Conversions

Conversions Part 1

Format	Color
Hex	B4CBE4
RGB	180, 203, 228
RGB Percent	71%, 80%, 89%
CMY	0.2941, 0.2039, 0.1059
CMYK	0.21, 0.11, 0.00, 0.11
HSL	211°, 47%, 80%
HSV	211°, 21%, 89%
XYZ	54.1819, 58.0166, 81.7414
YIQ	198.9730, -21.7330, 2.8990

Conversions

Conversions Part 2

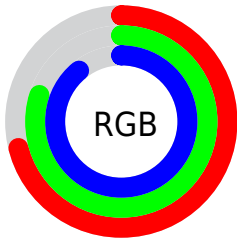
Format	Color
RYB	180, 196, 228
Decimal	11848676
CIELab	80.75, -2.44, -14.96
CIElCh	81, 15.161, 260.750
Yxy	58.0166, 0.2794, 0.2991
Android (android.graphics.Color)	4290038756 (0xFFB4CBE4)
YUV	198.9730, 14.3103, -16.6393
Hunter-Lab	76.1686, -6.3207, -10.3098

Details

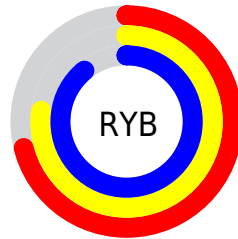
The XYZ color **54.1819, 58.0166, 81.7414** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0650, 63.4520, 52.1576**, and the grayscale version is **54.1958, 57.0182, 62.0928**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **27.0427, 29.0240, 43.7121** is the 20% darker color. If you saturate the color by 10%, you get **46.6071, 50.1084, 80.6152**, and if you desaturate by 10%, it is **62.8481, 66.8092, 82.9827**.

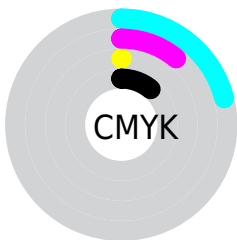
Distribution



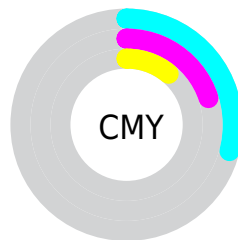
- Red (71%)
- Green (80%)
- Blue (89%)



- Red (71%)
- Yellow (77%)
- Blue (89%)



- Cyan (21%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1819, 58.0166, 81.7414 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 54.1819, 58.0166, 81.7414 by changing the saturation by 10% instead.

■ 54.1819, 58.0166,
81.7414

■ 54.1819, 58.0166,
81.7414

392.9903,
417.2478, 520.6430

■ 38.9784, 41.8220,
60.6178

■ 95.4966, 101.9470,
137.6447

■ 26.9235, 28.9619,
43.4883

122.3385,
130.4516, 173.2616

■ 17.6521, 19.0520,
29.9342

153.7905,
163.8284, 214.5466

■ 10.7987, 11.7079,
19.5370

190.2180,
202.4617, 261.9183

■ 5.9979, 6.5451,
11.8782

231.9864,
246.7358, 315.7952

■ 2.8845, 3.1793,
6.5393

279.4610,

■ 1.0930, 1.2260,

297.0353, 376.5960

3.1016

333.0072,
353.7445, 444.7390

■ 0.0192, 0.0828,
1.1468

■ 0.0000, 0.0000,
0.0000

■ 54.1819, 58.0166,
81.7414

■ 54.1819, 58.0166,
81.7414

■ 46.6071, 50.1084,
80.6152

■ 62.8481, 66.8092,
82.9827

■ 40.0710, 43.0460,
79.5965

■ 72.6447, 76.5088,
84.3386

■ 34.5242, 36.7979,
78.6828

■ 83.6153, 87.1460,
85.8136

■ 29.9107, 31.3278,
77.8701

■ 89.5850, 95.5439,
87.1199

■ 26.1686, 26.5958,
77.1540

■ 91.0038, 98.3815,
87.5928

■ 23.2273, 22.5571,
76.5295

■ 21.0033, 19.1601,
75.9910

■ 19.5004, 16.5947,
75.5750

Harmonies

Analogous

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



51.4246, 58.0166, 77.4695



54.1819, 58.0166, 81.7414



57.3014, 58.0166, 80.6853

Triad

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



54.1819, 58.0166, 81.7414



60.9606, 58.0166, 57.2622



50.6155, 58.0166, 52.8868

Complementary

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



54.1819, 58.0166, 81.7414



62.0650, 63.4520, 52.1576

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.



53.0396, 58.0166, 48.3932



54.1819, 58.0166, 81.7414



59.0365, 58.0166, 50.7485

Square

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



54.1819, 58.0166, 81.7414



61.2947, 58.0166, 65.9796



56.1155, 58.0166, 47.6492



49.4174, 58.0166, 60.4417

Rectangle

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



54.1819, 58.0166, 81.7414



59.1628, 58.0166, 77.1380



56.1155, 58.0166, 47.6492



51.3096, 58.0166, 50.9993

Sweetspot

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



54.1837, 58.0190, 81.7427



87.1540, 92.2339, 107.8172



57.5622, 69.5893, 68.0305



18.4776, 19.5665, 23.0528



0.0000, 0.0000, 0.0000



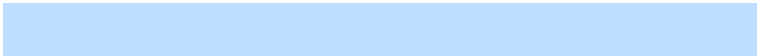
20.3446, 21.4041, 23.3091

Same Dimension

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



54.1837, 58.0190, 81.7427



65.6670, 70.4652, 104.7479



49.3353, 48.0449, 80.0731



14.1498, 15.0210, 18.2979



11.3774, 9.8168, 43.6784



0.9333, 0.9106, 3.2585

Inverse Universe

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



59.0971, 53.4497, 63.7046



73.0834, 63.8939, 77.4476



67.7243, 75.1465, 54.1166



14.6632, 14.4825, 16.4269



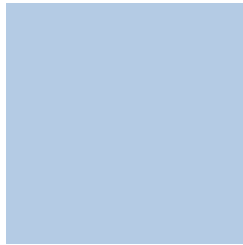
20.1363, 10.1887, 9.6125



1.5347, 0.7716, 0.9564

Previews

White Background



This preview shows how the XYZ color 54.1819, 58.0166, 81.7414 looks on a white background.

Color Contrast Check

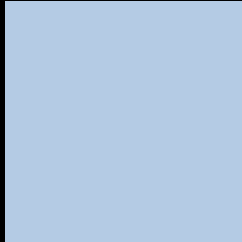
Large Text (above 18pt) WCAG AA × Fail

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 54.1819, 58.0166, 81.7414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

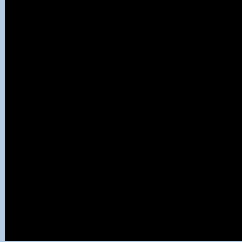
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

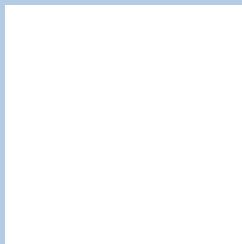
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.1819, 58.0166, 81.7414

Background



This preview shows how black text looks on a background with the XYZ color 54.1819, 58.0166, 81.7414.



This preview shows how white text looks on a background with the XYZ color 54.1819, 58.0166,

81.7414.

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

54.1819, 58.0166, 81.7414

Protanopia

56.7790, 58.0189, 79.4403

Deuteranopia

59.2516, 57.8652, 82.9091



Tritanopia

53.2344, 57.9899, 76.7940

Trichromacy



Original Color

54.1819, 58.0166, 81.7414

Protanomaly

55.6169, 57.7467, 80.1664

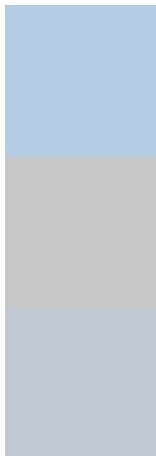
Deuteranomaly

57.3629, 57.9156, 82.2842

Tritanomaly

53.6378, 58.1513, 78.9183

Monochromacy



Original Color

54.1819, 58.0166, 81.7414

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.0254, 57.1682, 69.1599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1819, 58.0166, 81.7414 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(180, 203, 228)` looks like.

```
.text, #text, p{  
    color:rgb(180, 203, 228)  
}
```

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(180, 203, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 203, 228) }
```

Border

The CSS property to change the border of an element to XYZ 54.1819, 58.0166, 81.7414 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(180, 203, 228) }
```


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

```
.border{ border-color:rgb(180, 203, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 203, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 203, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 203, 228);  
box-shadow:4px 4px 4px 4px rgb(180, 203,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1819, 58.0166, 81.7414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 203, 228) }
```

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

```
.background{ background-color: rgb(180,  
203, 228) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor