

Converting Colors

XYZ(53.9590, 59.1803, 81.2177)

Have a look what the booklet for
XYZ(53.9590, 59.1803, 81.2177)
contains.

XYZ(54.0824, 59.4018, 81.2883)	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(54.0824, 59.4018,
81.2883)**

Conversions

Conversions Part 1

Format	Color
Hex	B0CFE3
RGB	176, 207, 227
RGB Percent	69%, 81%, 89%
CMY	0.3098, 0.1882, 0.1098
CMYK	0.22, 0.09, 0.00, 0.11
HSL	204°, 48%, 79%
HSV	204°, 22%, 89%
XYZ	54.0824, 59.4018, 81.2883
YIQ	200.0110, -24.8960, -0.3520

Conversions

Conversions Part 2

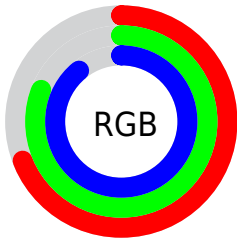
Format	Color
RYB	176, 195, 227
Decimal	11587555
CIELab	81.51, -5.98, -13.31
CIELCh	82, 14.593, 245.793
Yxy	59.4018, 0.2777, 0.3050
Android (android.graphics.Color)	4289777635 (0xFFB0CFE3)
YUV	200.0110, 13.3056, -21.0576
Hunter-Lab	77.0726, -9.6222, -8.5823

Details

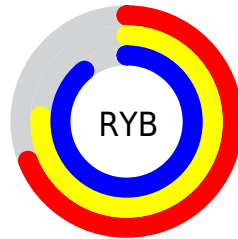
The XYZ color **54.0824, 59.4018, 81.2883** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.2555, 58.9454, 49.3300**, and the grayscale version is **54.8395, 57.6955, 62.8304**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **27.0060, 29.9720, 43.3915** is the 20% darker color. If you saturate the color by 10%, you get **47.2770, 52.7833, 80.3705**, and if you desaturate by 10%, it is **61.8712, 66.7107, 82.2895**.

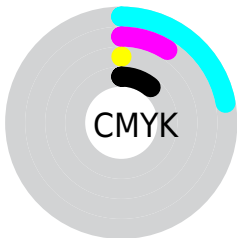
Distribution



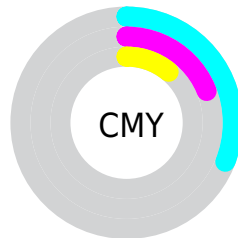
- Red (69%)
- Green (81%)
- Blue (89%)



- Red (69%)
- Yellow (76%)
- Blue (89%)



- Cyan (22%)
- Magenta (9%)
- Yellow (0%)
- Black (11%)



- Cyan (31%)
- Magenta (19%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0824, 59.4018, 81.2883 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 54.0824, 59.4018, 81.2883 by changing the saturation by 10% instead.

■ 54.0824, 59.4018,
81.2883

■ 54.0824, 59.4018,
81.2883

392.6174,
422.3893, 519.0848

■ 38.8985, 42.9367,
60.2467

■ 95.3514, 103.9614,
137.0032

■ 26.8611, 29.8354,
43.1909

122.1672,
132.8247, 172.5136

■ 17.6050, 19.7137,
29.7024

153.5910,
166.5894, 213.6840

■ 10.7647, 12.1871,
19.3627

189.9881,
205.6400, 260.9329

■ 5.9750, 6.8712,
11.7532

231.7240,
250.3609, 314.6789

■ 2.8704, 3.3817,
6.4554

279.1639,

■ 1.0856, 1.3341,

301.1365, 375.3405

3.0507

332.6733,
358.3512, 443.3363

■ 0.0130, 0.1674,
1.1206

■ 0.0000, 0.0000,
0.0000

■ 54.0824, 59.4018,
81.2883

■ 54.0824, 59.4018,
81.2883

■ 47.2770, 52.7833,
80.3705

■ 61.8712, 66.7107,
82.2895

■ 41.4050, 46.8221,
79.5293

■ 70.6797, 74.7272,
83.3726

■ 36.4199, 41.4925,
78.7634

■ 80.5486, 83.4765,
84.5412

■ 32.2687, 36.7643,
78.0695

■ 87.0387, 90.6728,
85.5882

■ 28.8921, 32.6037,
77.4444

■ 89.7616, 96.1188,
86.4959

■ 26.2222, 28.9723,
76.8842

■ 90.8653, 98.3261,
86.8638

■ 24.1776, 25.8249,
76.3844

■ 22.9527, 23.7209,
76.0429

Harmonies

Analogous

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



51.8225, 59.4018, 75.0375



54.0824, 59.4018, 81.2883



57.0553, 59.4018, 82.9237

Triad

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



54.0824, 59.4018, 81.2883



62.5150, 59.4018, 62.9933



53.0895, 59.4018, 51.9562

Complementary

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



54.0824, 59.4018, 81.2883



59.2555, 58.9454, 49.3300

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.



55.8681, 59.4018, 49.3273



54.0824, 59.4018, 81.2883



61.3655, 59.4018, 55.3196

Square

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



54.0824, 59.4018, 81.2883



61.9951, 59.4018, 71.8332



58.9055, 59.4018, 50.5009



51.2639, 59.4018, 58.0153

Rectangle

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



54.0824, 59.4018, 81.2883



59.0574, 59.4018, 81.0591



58.9055, 59.4018, 50.5009



53.9392, 59.4018, 50.6682

Sweetspot

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



54.0842, 59.4042, 81.2896



86.5928, 92.3857, 107.8760



55.2873, 68.1344, 62.1949



18.3851, 19.6385, 23.0716



0.0000, 0.0000, 0.0000



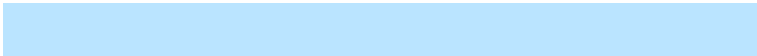
20.3446, 21.4041, 23.3091

Same Dimension

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



54.0842, 59.4042, 81.2896



66.0805, 73.1666, 105.2475



48.4885, 48.2128, 79.4244



14.3083, 15.3379, 18.3507



13.5026, 14.0672, 44.3868



1.0876, 1.2191, 3.3100

Inverse Universe

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



58.4678, 51.8879, 65.9680



72.8346, 62.0427, 81.5379



65.3857, 71.2059, 51.3734



14.7432, 14.5145, 16.8480



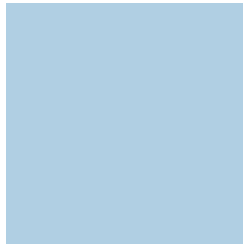
21.2090, 10.6178, 15.2614



1.6126, 0.8027, 1.3665

Previews

White Background



This preview shows how the XYZ color 54.0824, 59.4018, 81.2883 looks on a white background.

Color Contrast Check

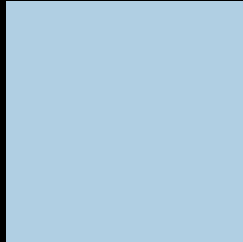
Large Text (above 18pt) WCAG AA × Fail

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 54.0824, 59.4018, 81.2883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

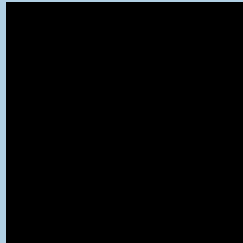
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

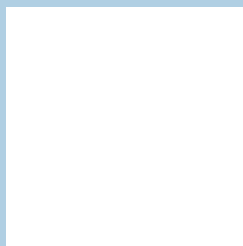
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.0824, 59.4018, 81.2883

Background



This preview shows how black text looks on a background with the XYZ color 54.0824, 59.4018, 81.2883.



This preview shows how white text looks on a background with the XYZ color 54.0824, 59.4018,

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

54.0824, 59.4018, 81.2883

Protanopia

58.0253, 59.3804, 78.2153

Deuteranopia

60.4036, 59.1450, 82.3612



Tritanopia

53.4466, 59.1214, 79.1157

Trichromacy



Original Color

54.0824, 59.4018, 81.2883

Protanomaly

56.2963, 59.1701, 78.9748

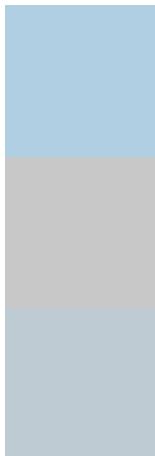
Deuteranomaly

57.9162, 59.2450, 81.7817

Tritanomaly

53.5826, 59.1758, 79.8321

Monochromacy



Original Color

54.0824, 59.4018, 81.2883

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.4747, 58.4414, 69.3820

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0824, 59.4018, 81.2883 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(176, 207, 227)` looks like.

```
.text, #text, p{  
    color:rgb(176, 207, 227)  
}
```

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(176, 207, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 207, 227) }
```

Border

The CSS property to change the border of an element to XYZ 54.0824, 59.4018, 81.2883 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(176, 207, 227) }
```


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

```
.border{ border-color:rgb(176, 207, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 207, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 207, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 207, 227);  
box-shadow:4px 4px 4px 4px rgb(176, 207,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0824, 59.4018, 81.2883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 207, 227) }
```

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

```
.background{ background-color: rgb(176,  
207, 227) }
```

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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