

Converting Colors

XYZ(54.6165, 59.7024, 80.7078)

Have a look what the booklet for
XYZ(54.6165, 59.7024, 80.7078)
contains.

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Color

**XYZ(54.6307, 59.7003,
80.5955)**

Conversions

Conversions Part 1

Format	Color
Hex	B3CFE2
RGB	179, 207, 226
RGB Percent	70%, 81%, 89%
CMY	0.2980, 0.1882, 0.1137
CMYK	0.21, 0.08, 0.00, 0.11
HSL	204°, 45%, 79%
HSV	204°, 21%, 89%
XYZ	54.6307, 59.7003, 80.5955
YIQ	200.7940, -22.7870, -0.0270

Conversions

Conversions Part 2

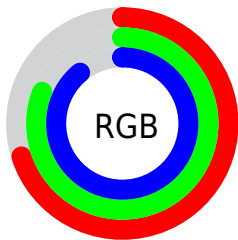
Format	Color
RYB	179, 197, 226
Decimal	11784162
CIELab	81.68, -5.29, -12.51
CIELCh	82, 13.585, 247.077
Yxy	59.7003, 0.2803, 0.3063
Android (android.graphics.Color)	4289974242 (0xFFB3CFE2)
YUV	200.7940, 12.4266, -19.1133
Hunter-Lab	77.2660, -9.0075, -7.7587

Details

The XYZ color **54.6307, 59.7003, 80.5955** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.6955, 59.8118, 51.0477**, and the grayscale version is **55.3268, 58.2081, 63.3887**.

A 20% lighter version of the original color is **88.0709, 96.4022, 108.5734**, and **27.3461, 30.1584, 42.9079** is the 20% darker color. If you saturate the color by 10%, you get **47.6801, 52.9275, 79.6555**, and if you desaturate by 10%, it is **62.5690, 67.1754, 81.6209**.

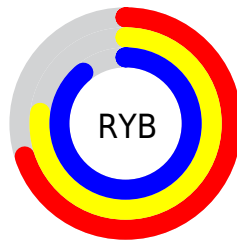
Distribution



Red (70%)

Green (81%)

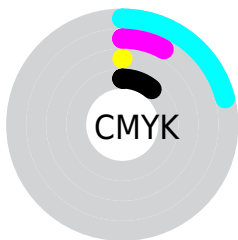
Blue (89%)



Red (70%)

Yellow (77%)

Blue (89%)

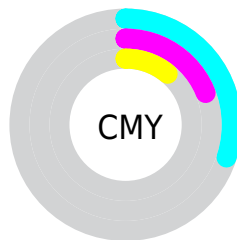


Cyan (21%)

Magenta (8%)

Yellow (0%)

Black (11%)



Cyan (30%)

Magenta (19%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6307, 59.7003, 80.5955 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 54.6307, 59.7003, 80.5955 by changing the saturation by 10% instead.

■ 54.6307, 59.7003,
80.5955

■ 54.6307, 59.7003,
80.5955

394.6697,
423.4922, 516.6970

■ 39.3388, 43.1771,
59.6795

■ 96.1511, 104.3948,
136.0216

■ 27.2053, 30.0241,
42.7367

123.1104,
133.3349, 171.3688

■ 17.8649, 19.8569,
29.3487

154.6895,
167.1827, 212.3634

■ 10.9521, 12.2911,
19.0969

191.2537,
206.3227, 259.4239

■ 6.1017, 6.9422,
11.5628

233.1685,
251.1393, 312.9691

■ 2.9483, 3.4260,
6.3278

280.7992,

■ 1.1265, 1.3580,

302.0168, 373.4173

2.9734

334.5112,
359.3396, 441.1871

■ 0.0471, 0.1854,
1.0811

■ 0.0000, 0.0000,
0.0000

■ 54.6307, 59.7003,
80.5955

■ 54.6307, 59.7003,
80.5955

■ 47.6801, 52.9275,
79.6555

■ 62.5690, 67.1754,
81.6209

■ 41.6681, 46.8240,
78.7943

■ 71.5305, 75.3697,
82.7303

■ 36.5490, 41.3644,
78.0103

■ 81.5555, 84.3085,
83.9272

■ 32.2712, 36.5189,
77.3005

■ 87.1815, 91.1788,
84.9568

■ 28.7769, 32.2541,
76.6615

■ 89.9919, 96.7996,
85.8936

■ 26.0005, 28.5327,
76.0895

■ 90.7277, 98.2711,
86.1389

■ 23.8639, 25.3107,
75.5802

■ 22.3429, 22.7215,
75.1606

Harmonies

Analogous

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



52.4729, 59.7003, 74.9564



54.6307, 59.7003, 80.5955



57.4228, 59.7003, 81.8979

Triad

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



54.6307, 59.7003, 80.5955



62.3708, 59.7003, 63.0845



53.4958, 59.7003, 53.2432

Complementary

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



54.6307, 59.7003, 80.5955



59.6955, 59.8118, 51.0477

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.



56.0693, 59.7003, 50.6086



54.6307, 59.7003, 80.5955



61.2395, 59.7003, 55.9731

Square

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



54.6307, 59.7003, 80.5955



61.9543, 59.7003, 71.3251



58.9098, 59.7003, 51.5644



51.8331, 59.7003, 59.0668

Rectangle

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



54.6307, 59.7003, 80.5955



59.2805, 59.7003, 80.0406



58.9098, 59.7003, 51.5644



54.2796, 59.7003, 51.9785

Sweetspot

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



54.6325, 59.7027, 80.5969



87.7021, 93.3302, 107.9999



55.9580, 68.0456, 63.4913



18.6072, 19.8257, 23.0960



0.0000, 0.0000, 0.0000



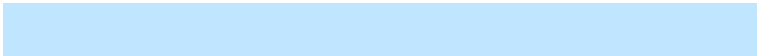
20.3446, 21.4041, 23.3091

Same Dimension

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



54.6325, 59.7027, 80.5969



67.6823, 74.4958, 105.4196



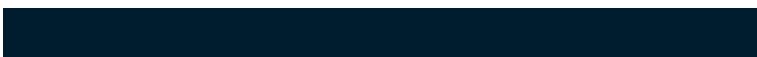
49.3974, 49.2326, 78.8518



13.6276, 14.5944, 17.4864



12.8658, 13.2011, 42.9183



0.9789, 1.0893, 3.0039

Inverse Universe

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



58.7481, 52.9154, 66.1515



74.1006, 64.3008, 82.8043



65.4375, 71.2960, 52.9618



14.0483, 13.8369, 16.0244



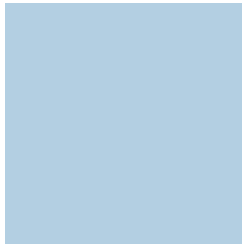
20.4343, 10.2407, 14.2184



1.4604, 0.7274, 1.2172

Previews

White Background



This preview shows how the XYZ color 54.6307, 59.7003, 80.5955 looks on a white background.

Color Contrast Check

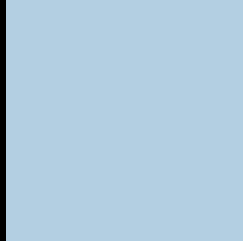
Large Text (above 18pt) WCAG AA × Fail

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 54.6307, 59.7003, 80.5955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

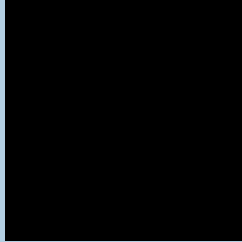
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

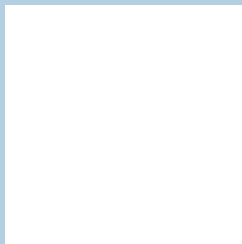
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.6307, 59.7003, 80.5955

Background



This preview shows how black text looks on a background with the XYZ color 54.6307, 59.7003, 80.5955.



This preview shows how white text looks on a background with the XYZ color 54.6307, 59.7003,

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

54.6307, 59.7003, 80.5955

Protanopia

57.8909, 59.3266, 77.5072

Deuteranopia

60.5482, 59.2356, 81.6412



Tritanopia

54.3578, 59.5912, 79.1583

Trichromacy



Original Color

54.6307, 59.7003, 80.5955

Protanomaly

56.4134, 59.2461, 78.2744

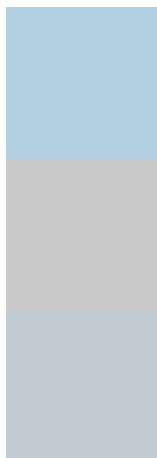
Deuteranomaly

58.3050, 59.4615, 81.0773

Tritanomaly

54.4938, 59.6456, 79.8748

Monochromacy



Original Color

54.6307, 59.7003, 80.5955

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.9811, 58.7025, 69.4057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6307, 59.7003, 80.5955 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(179, 207, 226)` looks like.

```
.text, #text, p{  
    color:rgb(179, 207, 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(179, 207, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 207, 226) }
```

Border

The CSS property to change the border of an element to XYZ 54.6307, 59.7003, 80.5955 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(179, 207, 226) }
```


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

```
.border{ border-color:rgb(179, 207, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 207, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 207, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 207, 226);  
box-shadow:4px 4px 4px 4px rgb(179, 207,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6307, 59.7003, 80.5955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 207, 226) }
```

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

```
.background{ background-color: rgb(179,  
207, 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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