

Converting Colors

XYZ(54.4974, 59.6097, 74.2797)

Have a look what the booklet for
XYZ(54.4974, 59.6097, 74.2797)
contains.

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Color

**XYZ(54.6044, 59.8257,
74.3152)**

Conversions

Conversions Part 1

Format	Color
Hex	B8CFD9
RGB	184, 207, 217
RGB Percent	72%, 81%, 85%
CMY	0.2784, 0.1882, 0.1490
CMYK	0.15, 0.05, 0.00, 0.15
HSL	198°, 30%, 79%
HSV	198°, 15%, 85%
XYZ	54.6044, 59.8257, 74.3152
YIQ	201.2630, -16.9180, -1.7660

Conversions

Conversions Part 2

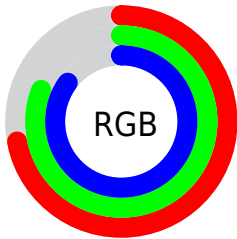
Format	Color
R_{YB}	184, 198, 217
Decimal	12111833
CIE _{Lab}	81.74, -5.65, -7.57
CIE _{LCh}	82, 9.445, 233.242
Yxy	59.8257, 0.2893, 0.3170
Android (android.graphics.Color)	4290301913 (0xFFB8CFD9)
YUV	201.2630, 7.7583, -15.1397
Hunter-Lab	77.3471, -9.3425, -2.8230

Details

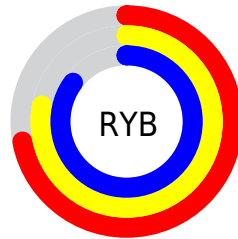
The XYZ color **54.6044, 59.8257, 74.3152** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5593, 56.7961, 53.3304**, and the grayscale version is **55.6428, 58.5405, 63.7506**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **27.2729, 30.2164, 38.5773** is the 20% darker color. If you saturate the color by 10%, you get **48.2404, 54.2310, 73.5717**, and if you desaturate by 10%, it is **61.8356, 65.9691, 75.1208**.

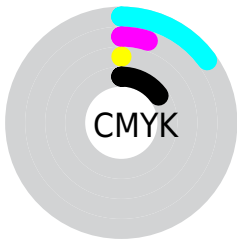
Distribution



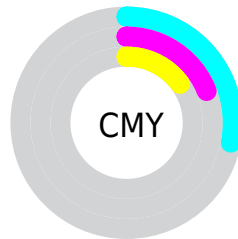
- Red (72%)
- Green (81%)
- Blue (85%)



- Red (72%)
- Yellow (78%)
- Blue (85%)



- Cyan (15%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (28%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6044, 59.8257, 74.3152 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 54.6044, 59.8257, 74.3152 by changing the saturation by 10% instead.

■ 54.6044, 59.8257,
74.3152

■ 54.6044, 59.8257,
74.3152

394.5714,
423.9550, 494.7530

■ 39.3177, 43.2782,
54.5537

■ 96.1128, 104.5768,
127.0807

■ 27.1888, 30.1034,
38.6483

123.0652,
133.5491, 160.9218

■ 17.8524, 19.9171,
26.1805

154.6368,
167.4318, 200.2931

■ 10.9431, 12.3348,
16.7318

191.1931,
206.6093, 245.6133

■ 6.0956, 6.9721,
9.8835

233.0993,
251.4660, 297.3008

■ 2.9445, 3.4447,
5.2172

280.7209,

■ 1.1245, 1.3681,

302.3862, 355.7743

2.3143

334.4232,
359.7544, 421.4521

■ 0.0455, 0.1930,
0.7392

■ 0.0000, 0.0000,
0.0000

■ 54.6044, 59.8257,
74.3152

■ 54.6044, 59.8257,
74.3152

■ 48.2404, 54.2310,
73.5717

■ 61.8356, 65.9691,
75.1208

■ 42.7013, 49.1572,
72.8843

■ 69.9635, 72.6728,
75.9864

■ 37.9491, 44.5852,
72.2523

■ 79.0225, 79.9572,
76.9149

■ 33.9404, 40.4914,
71.6734

■ 82.9887, 84.7181,
77.6248

■ 30.6275, 36.8498,
71.1451

■ 84.8878, 88.5163,
78.2579

■ 27.9567, 33.6315,
70.6647

■ 86.8571, 92.4548,
78.9143

■ 25.8657, 30.8032,
70.2289

■ 88.8971, 96.5349,
79.5943

■ 24.2784, 28.3242,
69.8341

■ 89.5246, 97.7898,
79.8035

■ 23.6331, 27.2269,
69.6563

Harmonies

Analogous

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



53.4203, 59.8257, 69.5586



54.6044, 59.8257, 74.3152



56.4137, 59.8257, 76.6336

Triad

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



54.6044, 59.8257, 74.3152



60.7456, 59.8257, 66.4374



55.3666, 59.8257, 55.5853

Complementary

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



54.6044, 59.8257, 74.3152



56.5593, 56.7961, 53.3304

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.



57.3138, 59.8257, 54.8573



54.6044, 59.8257, 74.3152



60.4495, 59.8257, 60.9127

Square

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



54.6044, 59.8257, 74.3152



59.9820, 59.8257, 71.9170



59.1821, 59.8257, 56.7529



53.8532, 59.8257, 58.8027

Rectangle

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



54.6044, 59.8257, 74.3152



57.7431, 59.8257, 76.3941



59.1821, 59.8257, 56.7529



55.9910, 59.8257, 55.0493

Sweetspot

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



54.6062, 59.8282, 74.3165



89.2939, 95.2217, 108.2811



54.3076, 63.7077, 60.4158



18.9451, 20.2412, 23.1584



0.0000, 0.0000, 0.0000



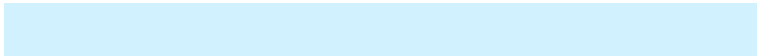
20.3446, 21.4041, 23.3091

Same Dimension

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



54.6062, 59.8282, 74.3165



75.8561, 83.7564, 106.7763



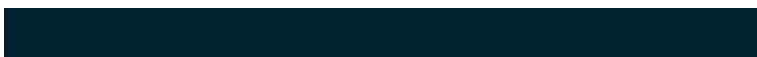
50.8365, 52.2888, 73.0600



13.0946, 14.1290, 16.6891



14.4029, 16.6753, 42.1979



1.0075, 1.2292, 2.7586

Inverse Universe

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



57.0197, 53.5391, 66.3630



79.9563, 73.2665, 93.2208



60.4135, 64.5045, 54.6152



13.4376, 13.2041, 15.5657



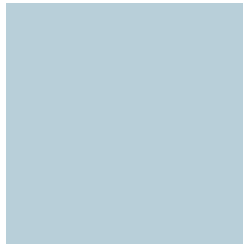
20.7653, 10.3071, 18.9418



1.3829, 0.6828, 1.4250

Previews

White Background



This preview shows how the XYZ color 54.6044, 59.8257, 74.3152 looks on a white background.

Color Contrast Check

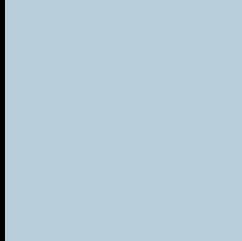
Large Text (above 18pt) WCAG AA × Fail

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 54.6044, 59.8257, 74.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

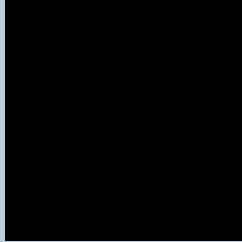
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

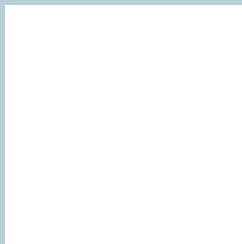
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.6044, 59.8257, 74.3152

Background



This preview shows how black text looks on a background with the XYZ color 54.6044, 59.8257, 74.3152.



This preview shows how white text looks on a background with the XYZ color 54.6044, 59.8257,

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

54.6044, 59.8257, 74.3152

Protanopia

57.8867, 59.7926, 72.1085

Deuteranopia

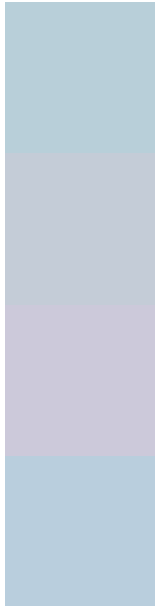
60.7768, 59.4941, 75.2981



Tritanopia

55.3982, 59.7846, 78.4318

Trichromacy



Original Color

54.6044, 59.8257, 74.3152

Protanomaly

56.6236, 59.8278, 72.8535

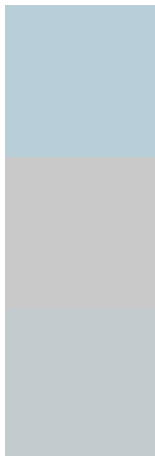
Deuteranomaly

58.4434, 59.6726, 74.7673

Tritanomaly

55.1300, 59.6774, 77.0198

Monochromacy



Original Color

54.6044, 59.8257, 74.3152

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.1241, 58.8190, 67.4793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6044, 59.8257, 74.3152 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(184, 207, 217)` looks like.

```
.text, #text, p{  
    color:rgb(184, 207, 217)  
}
```

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(184, 207, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 207, 217) }
```

Border

The CSS property to change the border of an element to XYZ 54.6044, 59.8257, 74.3152 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(184, 207, 217) }
```


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

```
.border{ border-color:rgb(184, 207, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 207, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 207, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 207, 217);  
box-shadow:4px 4px 4px 4px rgb(184, 207,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6044, 59.8257, 74.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 207, 217) }
```

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

```
.background{ background-color: rgb(184,  
207, 217) }
```

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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