

Converting Colors

XYZ(54.4339, 59.5596, 69.0152)

Have a look what the booklet for
XYZ(54.4339, 59.5596, 69.0152)
contains.

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Color

**XYZ(54.3190, 59.4374,
68.9313)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BCCED1 |
| RGB | 188, 206, 209 |
| RGB Percent | 74%, 81%, 82% |
| CMY | 0.2627, 0.1921, 0.1804 |
| CMYK | 0.10, 0.01, 0.00, 0.18 |
| HSL | 189°, 19%, 78% |
| HSV | 189°, 10%, 82% |
| XYZ | 54.3190, 59.4374, 68.9313 |
| YIQ | 200.9600, -11.6910, -2.8830 |

Conversions

Conversions Part 2

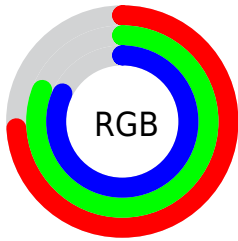
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 188, 198, 209 |
| Decimal | 12373713 |
| CIE Lab | 81.53, -5.46, -3.57 |
| CIE LCh | 82, 6.529, 213.182 |
| Yxy | 59.4374, 0.2973, 0.3253 |
| Android (android.graphics.Color) | 4290563793 (0xFFBCCED1) |
| YUV | 200.9600, 3.9637, -11.3659 |
| Hunter-Lab | 77.0957, -9.1523, 0.9557 |

Details

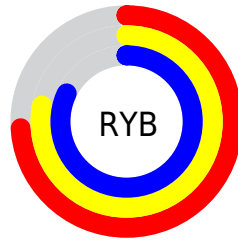
The XYZ color **54.3190, 59.4374, 68.9313** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.0028, 54.4476, 55.2413**, and the grayscale version is **55.4754, 58.3644, 63.5589**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **27.1363, 29.9739, 35.3657** is the 20% darker color. If you saturate the color by 10%, you get **48.8277, 55.5522, 68.4717**, and if you desaturate by 10%, it is **60.5730, 63.7393, 69.4330**.

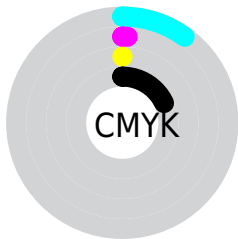
Distribution



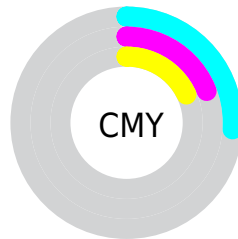
- Red (74%)
- Green (81%)
- Blue (82%)



- Red (74%)
- Yellow (78%)
- Blue (82%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)



- Cyan (26%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3190, 59.4374, 68.9313 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 54.3190, 59.4374, 68.9313 by changing the saturation by 10% instead.

■ 54.3190, 59.4374,
68.9313

■ 54.3190, 59.4374,
68.9313

393.5038,
422.5209, 475.4760

■ 39.0884, 42.9653,
50.1844

■ 95.6966, 104.0131,
119.3502

■ 27.0096, 29.8579,
35.1877

122.5744,
132.8855, 151.8593

■ 17.7170, 19.7308,
23.5228

154.0653,
166.6602, 189.7928

■ 10.8455, 12.1995,
14.7711

190.5346,
205.7215, 233.5693

■ 6.0295, 6.8797,
8.5141

232.3478,
250.4538, 283.6073

■ 2.9039, 3.3870,
4.3331

279.8701,

■ 1.1031, 1.3369,

301.2416, 340.3254

1.8098

333.4670,
358.4691, 404.1421

■ 0.0277, 0.1695,
0.4344

■ 0.0000, 0.0000,
0.0000

■ 54.3190, 59.4374,
68.9313

■ 54.3190, 59.4374,
68.9313

■ 48.8277, 55.5522,
68.4717

■ 60.5730, 63.7393,
69.4330

■ 44.0620, 52.0595,
68.0488

■ 67.6146, 68.4659,
69.9742

■ 39.9893, 48.9441,
67.6621

■ 75.4739, 73.6345,
70.5576

■ 36.5725, 46.1867,
67.3099

■ 77.8036, 75.9731,
70.8862

■ 33.7709, 43.7663,
66.9904

■ 78.5838, 77.5336,
71.1462

■ 31.5394, 41.6594,
66.7013

■ 79.3781, 79.1220,
71.4110

■ 29.8264, 39.8394,
66.4403

■ 80.1864, 80.7386,
71.6804

■ 28.5708, 38.2746,
66.2045

■ 81.0088, 82.3835,
71.9546

■ 27.6635, 36.9130,
65.9895

■ 81.8454, 84.0567,
72.2334

Harmonies

Analogous

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



53.9059, 59.4374, 65.1366



54.3190, 59.4374, 68.9313



55.3142, 59.4374, 71.6806

Triad

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



54.3190, 59.4374, 68.9313



58.8753, 59.4374, 68.1782



56.3475, 59.4374, 57.4785

Complementary

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



54.3190, 59.4374, 68.9313



54.0028, 54.4476, 55.2413

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.



57.6893, 59.4374, 58.2200



54.3190, 59.4374, 68.9313



59.1626, 59.4374, 64.2997

Square

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



54.3190, 59.4374, 68.9313



57.9463, 59.4374, 71.2336



58.7252, 59.4374, 60.6785



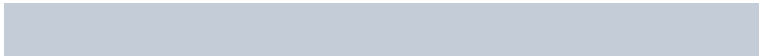
55.0651, 59.4374, 58.6109

Rectangle

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



54.3190, 59.4374, 68.9313



56.1816, 59.4374, 72.4946



58.7252, 59.4374, 60.6785



56.8065, 59.4374, 57.5170

Sweetspot

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



54.3207, 59.4399, 68.9326



91.9440, 97.8832, 108.6551



52.9225, 60.0462, 57.9768



19.5062, 20.8322, 23.2429



0.0000, 0.0000, 0.0000



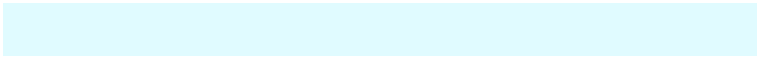
20.3446, 21.4041, 23.3091

Same Dimension

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



54.3207, 59.4399, 68.9326



83.2972, 91.8964, 107.9553



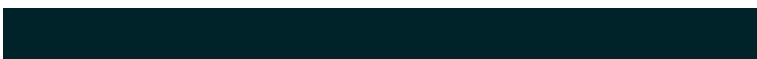
51.9211, 54.6406, 68.1327



12.0086, 13.1074, 15.1407



17.1116, 22.8698, 40.7049



0.9971, 1.3594, 2.2894

Inverse Universe

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



55.4197, 53.9793, 65.8935



85.3580, 81.7285, 102.2399



56.3293, 59.1005, 56.0168



12.2352, 11.9788, 14.5145



21.2679, 10.3800, 27.3805



1.2095, 0.5885, 1.6382

Previews

White Background



This preview shows how the XYZ color 54.3190, 59.4374, 68.9313 looks on a white background.

Color Contrast Check

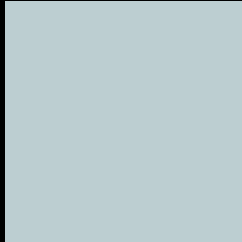
Large Text (above 18pt) WCAG AA × Fail

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 54.3190, 59.4374, 68.9313 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

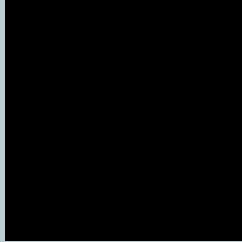
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

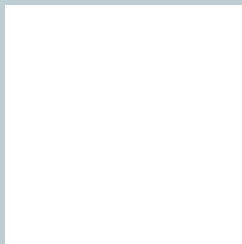
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.3190, 59.4374, 68.9313

Background



This preview shows how black text looks on a background with the XYZ color 54.3190, 59.4374, 68.9313.

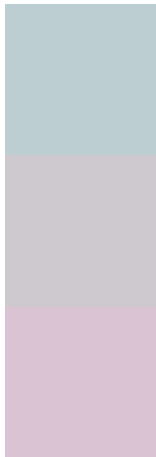


This preview shows how white text looks on a background with the XYZ color 54.3190, 59.4374,

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

54.3190, 59.4374, 68.9313

Protanopia

57.2041, 59.2087, 66.8060

Deuteranopia

60.4112, 59.0884, 69.8492



Tritanopia

55.7463, 59.3002, 76.2181

Trichromacy



Original Color

54.3190, 59.4374, 68.9313

Protanomaly

56.1716, 59.3590, 67.5284

Deuteranomaly

58.0193, 59.2271, 69.3468

Tritanomaly

55.2123, 59.4393, 73.5287

Monochromacy



Original Color

54.3190, 59.4374, 68.9313

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.0200, 58.8073, 65.5778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3190, 59.4374, 68.9313 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(188, 206, 209)` looks like.

```
.text, #text, p{  
    color:rgb(188, 206, 209)  
}
```

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(188, 206, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 206, 209) }
```

Border

The CSS property to change the border of an element to XYZ 54.3190, 59.4374, 68.9313 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(188, 206, 209) }
```


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

```
.border{ border-color:rgb(188, 206, 209) }
```

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

Here you see how a box with a 4 pixel rgb(188, 206, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 206, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 206, 209);  
box-shadow:4px 4px 4px 4px rgb(188, 206,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3190, 59.4374, 68.9313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 206, 209) }
```

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

```
.background{ background-color: rgb(188,  
206, 209) }
```

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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