

Converting Colors

XYZ(54.3689, 59.0173, 70.5501)

Have a look what the booklet for
XYZ(54.3689, 59.0173, 70.5501)
contains.

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Color

**XYZ(54.4540, 59.1075,
70.8262)**

Conversions

Conversions Part 1

Format	Color
Hex	BCCDD4
RGB	188, 205, 212
RGB Percent	74%, 80%, 83%
CMY	0.2627, 0.1961, 0.1686
CMYK	0.11, 0.03, 0.00, 0.17
HSL	197°, 22%, 78%
HSV	197°, 11%, 83%
XYZ	54.4540, 59.1075, 70.8262
YIQ	200.7150, -12.3790, -1.4270

Conversions

Conversions Part 2

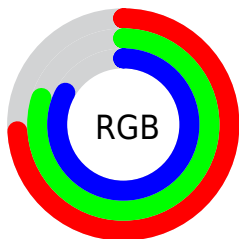
Format	Color
RYB	188, 198, 212
Decimal	12373460
CIELab	81.35, -4.34, -5.44
CIELCh	81, 6.964, 231.429
Yxy	59.1075, 0.2953, 0.3206
Android (android.graphics.Color)	4290563540 (0xFFBCCDD4)
YUV	200.7150, 5.5635, -11.1511
Hunter-Lab	76.8814, -8.1135, -0.8033

Details

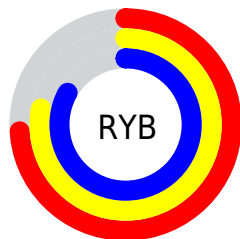
The XYZ color **54.4540, 59.1075, 70.8262** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7438, 56.6577, 55.5759**, and the grayscale version is **55.3145, 58.1951, 63.3745**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **27.1441, 29.7184, 36.2039** is the 20% darker color. If you saturate the color by 10%, you get **48.1613, 53.7133, 70.1176**, and if you desaturate by 10%, it is **61.5758, 65.0189, 71.5928**.

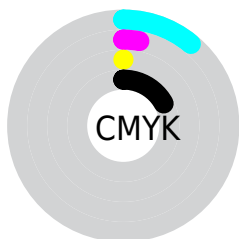
Distribution



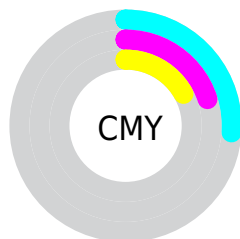
- Red (74%)
- Green (80%)
- Blue (83%)



- Red (74%)
- Yellow (78%)
- Blue (83%)



- Cyan (11%)
- Magenta (3%)
- Yellow (0%)
- Black (17%)



- Cyan (26%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4540, 59.1075, 70.8262 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 54.4540, 59.1075, 70.8262 by changing the saturation by 10% instead.

■ 54.4540, 59.1075,
70.8262

■ 54.4540, 59.1075,
70.8262

394.0091,
421.3002, 482.3129

■ 39.1969, 42.6997,
51.7194

■ 95.8935, 103.5339,
122.0784

■ 27.0943, 29.6495,
36.4008

122.8066,
132.3212, 155.0608

■ 17.7810, 19.5727,
24.4517

154.3357,
166.0039, 193.5056

■ 10.8916, 12.0848,
15.4538

190.8462,
204.9662, 237.8312

■ 6.0608, 6.8015,
8.9883

232.7034,
249.5926, 288.4562

■ 2.9231, 3.3383,
4.6369

280.2727,

■ 1.1132, 1.3108,

300.2674, 345.7991

1.9808

333.9195,
357.3752, 410.2785

■ 0.0361, 0.1495,
0.5435

■ 0.0000, 0.0000,
0.0000

■ 54.4540, 59.1075,
70.8262

■ 54.4540, 59.1075,
70.8262

■ 48.1613, 53.7133,
70.1176

■ 61.5758, 65.0189,
71.5928

■ 42.6584, 48.8105,
69.4613

■ 69.5534, 71.4576,
72.4151

■ 37.9107, 44.3818,
68.8567

■ 78.4187, 78.4426,
73.2961

■ 33.8788, 40.4056,
68.3017

■ 81.3447, 82.4553,
73.9164

■ 30.5193, 36.8588,
67.7942

■ 83.0927, 85.9512,
74.4991

■ 27.7841, 33.7155,
67.3316

■ 84.9022, 89.5703,
75.1022

■ 25.6181, 30.9460,
66.9112

■ 86.7739, 93.3137,
75.7261

■ 23.9556, 28.5156,
66.5297

■ 88.7084, 97.1827,
76.3710

■ 22.8214, 26.6287,
66.2253

■ 88.8838, 97.5335,
76.4294

Harmonies

Analogous

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



53.6163, 59.1075, 67.3292



54.4540, 59.1075, 70.8262



55.7641, 59.1075, 72.6084

Triad

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



54.4540, 59.1075, 70.8262



58.9913, 59.1075, 65.5592



55.1642, 59.1075, 57.1856

Complementary

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



54.4540, 59.1075, 70.8262



55.7438, 56.6577, 55.5759

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.



56.5978, 59.1075, 56.7576



54.4540, 59.1075, 70.8262



58.8240, 59.1075, 61.4756

Square

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



54.4540, 59.1075, 70.8262



58.3952, 59.1075, 69.4827



57.9419, 59.1075, 58.2961



54.0214, 59.1075, 59.4917

Rectangle

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



54.4540, 59.1075, 70.8262



56.7360, 59.1075, 72.5332



57.9419, 59.1075, 58.2961



55.6275, 59.1075, 56.8214

Sweetspot

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



54.4557, 59.1100, 70.8275



91.5840, 97.1631, 108.5351



54.1112, 61.7104, 60.5716



19.4088, 20.6373, 23.2104



0.0000, 0.0000, 0.0000



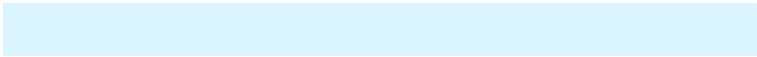
20.3446, 21.4041, 23.3091

Same Dimension

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



54.4557, 59.1100, 70.8275



79.8829, 87.3850, 107.2644



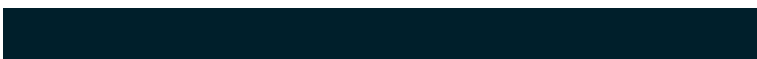
51.7379, 53.6742, 69.9216



12.4722, 13.4678, 15.8797



14.1788, 16.6193, 40.9137



0.9250, 1.1420, 2.4910

Inverse Universe

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



56.1554, 54.3724, 65.2958



83.0691, 78.6474, 96.8624



58.4938, 62.1577, 56.4926



12.7915, 12.5681, 14.8425



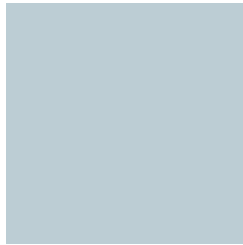
20.2157, 10.0226, 18.9715



1.2545, 0.6186, 1.3298

Previews

White Background



This preview shows how the XYZ color 54.4540, 59.1075, 70.8262 looks on a white background.

Color Contrast Check

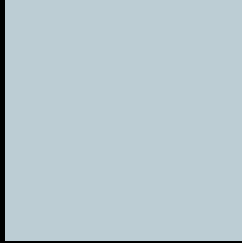
Large Text (above 18pt) WCAG AA × Fail

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 54.4540, 59.1075, 70.8262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

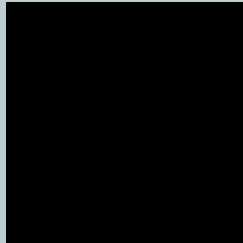
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

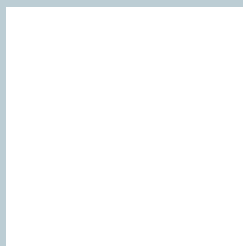
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.4540, 59.1075, 70.8262

Background



This preview shows how black text looks on a background with the XYZ color 54.4540, 59.1075, 70.8262.



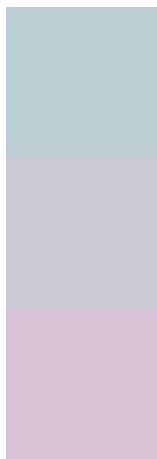
This preview shows how white text looks on a background with the XYZ color 54.4540, 59.1075,

70.8262.

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

54.4540, 59.1075, 70.8262

Protanopia

57.0239, 59.0732, 68.7184

Deuteranopia

60.1964, 58.9338, 71.8210



Tritanopia

55.4974, 59.1719, 76.2064

Trichromacy



Original Color

54.4540, 59.1075, 70.8262

Protanomaly

56.0421, 58.9000, 69.3879

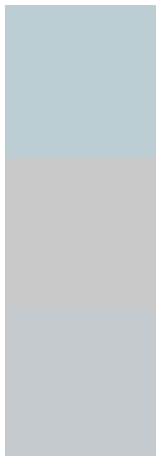
Deuteranomaly

57.8873, 58.7728, 71.2441

Tritanomaly

55.1035, 59.0143, 74.1323

Monochromacy



Original Color

54.4540, 59.1075, 70.8262

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.9049, 58.3846, 66.1332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4540, 59.1075, 70.8262 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, 205, 212)` looks like.

```
.text, #text, p{  
    color:rgb(188, 205, 212)  
}
```

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, 205, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 205, 212) }
```

Border

The CSS property to change the border of an element to XYZ 54.4540, 59.1075, 70.8262 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, 205, 212) }
```


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

```
.border{ border-color:rgb(188, 205, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 205, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 205, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 205, 212);  
box-shadow:4px 4px 4px 4px rgb(188, 205,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4540, 59.1075, 70.8262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 205, 212) }
```

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

```
.background{ background-color: rgb(188,  
205, 212) }
```

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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