

Converting Colors

XYZ(50.6274, 59.0561, 74.9735)

Have a look what the booklet for
XYZ(50.6274, 59.0561, 74.9735)
contains.

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Color

**XYZ(50.8494, 59.3319,
75.1018)**

Conversions

Conversions Part 1

Format	Color
Hex	A2D3DA
RGB	162, 211, 218
RGB Percent	64%, 83%, 85%
CMY	0.3647, 0.1725, 0.1451
CMYK	0.26, 0.03, 0.00, 0.15
HSL	187°, 43%, 75%
HSV	187°, 26%, 85%
XYZ	50.8494, 59.3319, 75.1018
YIQ	197.1470, -31.4510, -8.2110

Conversions

Conversions Part 2

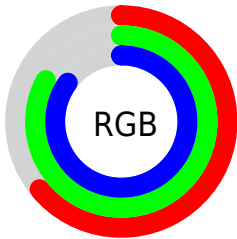
Format	Color
RYB	162, 188, 218
Decimal	10671066
CIELab	81.47, -14.25, -8.65
CIElCh	81, 16.666, 211.272
Yxy	59.3319, 0.2744, 0.3202
Android (android.graphics.Color)	4288861146 (0xFFA2D3DA)
YUV	197.1470, 10.2805, -30.8239
Hunter-Lab	77.0272, -16.9611, -3.8889

Details

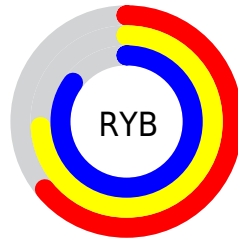
The XYZ color **50.8494, 59.3319, 75.1018** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.6235, 45.8901, 40.4257**, and the grayscale version is **53.1145, 55.8806, 60.8540**.

A 20% lighter version of the original color is **82.7234, 93.6454, 108.3231**, and **24.8060, 29.6725, 39.0703** is the 20% darker color. If you saturate the color by 10%, you get **46.1287, 55.9036, 74.6899**, and if you desaturate by 10%, it is **56.3528, 63.1837, 75.5562**.

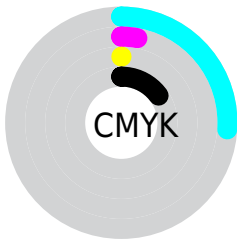
Distribution



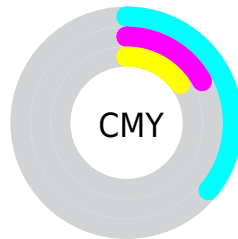
- Red (64%)
- Green (83%)
- Blue (85%)



- Red (64%)
- Yellow (74%)
- Blue (85%)



- Cyan (26%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)



- Cyan (36%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.8494, 59.3319, 75.1018 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 50.8494, 59.3319, 75.1018 by changing the saturation by 10% instead.

■ 50.8494, 59.3319,
75.1018

■ 50.8494, 59.3319,
75.1018

380.3757,
422.1308, 497.5321

■ 36.3093, 42.8804,
55.1941

■ 90.6164, 103.8599,
128.2049

■ 24.8444, 29.7913,
39.1575

■ 116.5741,
132.7051, 162.2373

■ 16.0893, 19.6802,
26.5735

147.0684,
166.4504, 201.8150

■ 9.6786, 12.1628,
17.0235

182.4645,
205.4801, 247.3566

■ 5.2470, 6.8546,
10.0891

223.1280,
250.1785, 299.2805

■ 2.4292, 3.3714,
5.3517

269.4241,

■ 0.8597, 1.3285,

300.9302, 358.0054

2.3928

321.7182,
358.1195, 423.9498

■ 0.0000, 0.1631,
0.7825

■ 0.0000, 0.0000,
0.0000

■ 50.8494, 59.3319,
75.1018

■ 50.8494, 59.3319,
75.1018

■ 46.1287, 55.9036,
74.6899

■ 56.3528, 63.1837,
75.5562

■ 42.1457, 52.8711,
74.3145

■ 62.6703, 67.4708,
76.0507

■ 38.8589, 50.2144,
73.9749

■ 69.8383, 72.2135,
76.5883

■ 36.2206, 47.9087,
73.6689

■ 77.8891, 77.4285,
77.1706

■ 34.1770, 45.9263,
73.3940

■ 80.7187, 79.9694,
77.5119

■ 32.6654, 44.2347,
73.1471

■ 81.4594, 81.4507,
77.7588

■ 31.6085, 42.7941,
72.9248

■ 82.2119, 82.9557,
78.0096

■ 31.2340, 42.2199,
72.8337

■ 82.9762, 84.4843,
78.2644

■ 83.7525, 86.0368,
78.5232

Harmonies

Analogous

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



49.9463, 59.3319, 65.0298



50.8494, 59.3319, 75.1018



53.2286, 59.3319, 82.9648

Triad

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



50.8494, 59.3319, 75.1018



62.4853, 59.3319, 74.2880



56.2444, 59.3319, 47.2292

Complementary

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



50.8494, 59.3319, 75.1018



49.6235, 45.8901, 40.4257

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.



59.6808, 59.3319, 49.1714



50.8494, 59.3319, 75.1018



63.3722, 59.3319, 64.1768

Square

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



50.8494, 59.3319, 75.1018



59.9491, 59.3319, 82.4619



62.3259, 59.3319, 55.1301



52.9807, 59.3319, 49.5278

Rectangle

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



50.8494, 59.3319, 75.1018



55.3809, 59.3319, 85.5228



62.3259, 59.3319, 55.1301



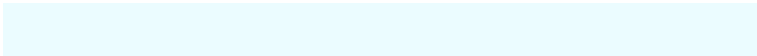
57.4178, 59.3319, 47.4062

Sweetspot

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



50.8512, 59.3343, 75.1032



87.1312, 94.7186, 108.2979



47.0904, 60.6723, 46.5369



18.3498, 20.0712, 23.1569



0.0000, 0.0000, 0.0000



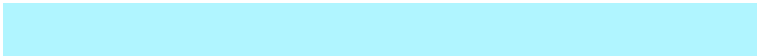
20.3446, 21.4041, 23.3091

Same Dimension

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



50.8512, 59.3343, 75.1032



68.6327, 81.8233, 106.7839



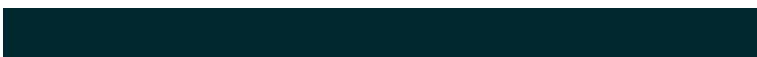
44.5861, 46.8043, 73.0148



13.2988, 14.5374, 16.7572



18.7666, 25.4027, 43.6525



1.2555, 1.7252, 2.8413

Inverse Universe

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



53.5930, 45.4505, 67.5790



73.2557, 58.8911, 93.9905



55.2965, 57.2360, 42.3167



13.5407, 13.2454, 16.1085



22.9679, 11.1882, 30.5404



1.5080, 0.7328, 2.0842

Previews

White Background



This preview shows how the XYZ color 50.8494, 59.3319, 75.1018 looks on a white background.

Color Contrast Check

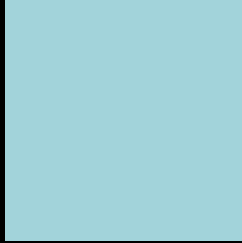
Large Text (above 18pt) WCAG AA × Fail

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 50.8494, 59.3319, 75.1018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

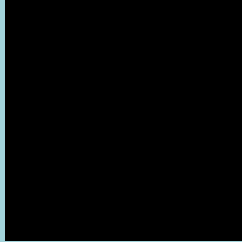
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.8494, 59.3319, 75.1018

Background



This preview shows how black text looks on a background with the XYZ color 50.8494, 59.3319, 75.1018.



This preview shows how white text looks on a background with the XYZ color 50.8494, 59.3319,

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

50.8494, 59.3319, 75.1018

Protanopia

57.3989, 59.2233, 70.6933

Deuteranopia

60.2316, 58.8464, 76.5906



Tritanopia

52.0839, 59.4767, 80.6865

Trichromacy



Original Color

50.8494, 59.3319, 75.1018

Protanomaly

54.7080, 59.2090, 72.1634

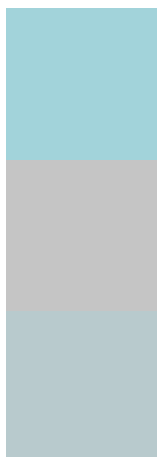
Deuteranomaly

56.0530, 58.4099, 76.0301

Tritanomaly

51.4701, 59.2074, 78.5274

Monochromacy



Original Color

50.8494, 59.3319, 75.1018

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

51.9071, 56.8392, 65.9929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8494, 59.3319, 75.1018 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(162, 211, 218)` looks like.

```
.text, #text, p{  
    color:rgb(162, 211, 218)  
}
```

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(162, 211, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 211, 218) }
```

Border

The CSS property to change the border of an element to XYZ 50.8494, 59.3319, 75.1018 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(162, 211, 218) }
```


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

```
.border{ border-color:rgb(162, 211, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 211, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 211, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 211, 218);  
box-shadow:4px 4px 4px 4px rgb(162, 211,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8494, 59.3319, 75.1018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 211, 218) }
```

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

```
.background{ background-color: rgb(162,  
211, 218) }
```

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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