

Converting Colors

XYZ(59.8298, 69.3515, 76.5625)

Have a look what the booklet for
XYZ(59.8298, 69.3515, 76.5625)
contains.

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Color

**XYZ(59.8298, 69.3515,
76.5625)**

Conversions

Conversions Part 1

Format	Color
Hex	BAE1DA
RGB	186, 225, 218
RGB Percent	73%, 88%, 85%
CMY	0.2706, 0.1176, 0.1451
CMYK	0.17, 0.00, 0.03, 0.12
HSL	169°, 39%, 81%
HSV	169°, 17%, 88%
XYZ	59.8298, 69.3515, 76.5625
YIQ	212.5410, -20.9970, -10.4450

Conversions

Conversions Part 2

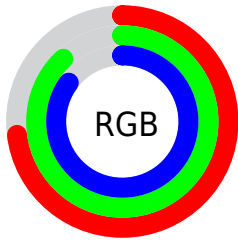
Format	Color
RYB	186, 207, 225
Decimal	12247514
CIELab	86.68, -14.06, -0.82
CIELCh	87, 14.088, 183.325
Yxy	69.3515, 0.2908, 0.3371
Android (android.graphics.Color)	4290437594 (0xFFBAE1DA)
YUV	212.5410, 2.6913, -23.2765
Hunter-Lab	83.2775, -17.4944, 3.7851

Details

The XYZ color **59.8298, 69.3515, 76.5625** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.2383, 54.9774, 57.9973**, and the grayscale version is **62.9337, 66.2111, 72.1039**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **30.5013, 36.2993, 40.0492** is the 20% darker color. If you saturate the color by 10%, you get **54.2663, 66.5456, 73.5771**, and if you desaturate by 10%, it is **66.2708, 72.6120, 79.6592**.

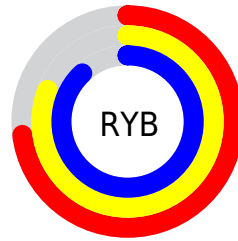
Distribution



Red (73%)

Green (88%)

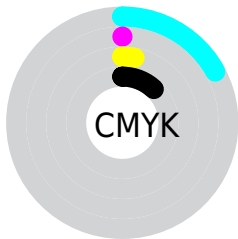
Blue (85%)



Red (73%)

Yellow (81%)

Blue (88%)

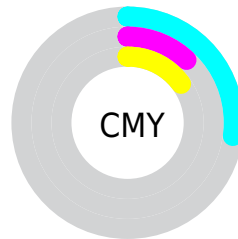


Cyan (17%)

Magenta (0%)

Yellow (3%)

Black (12%)



Cyan (27%)

Magenta (12%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8298, 69.3515, 76.5625 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 59.8298, 69.3515, 76.5625 by changing the saturation by 10% instead.

■ 59.8298, 69.3515,
76.5625

■ 59.8298, 69.3515,
76.5625

413.8149,
458.2697, 502.6691

■ 43.5304, 50.9980,
56.3845

■ 103.6905,
118.2835, 130.2891

■ 30.4978, 36.2070,
40.1052

131.9825,
149.6308, 164.6747

■ 20.3667, 24.5941,
27.3062

165.0027,
186.0781, 204.6333

■ 12.7717, 15.7749,
17.5688

203.1165,
228.0100, 250.5833

■ 7.3474, 9.3650,
10.4746

246.6893,
275.8106, 302.9434

■ 3.7286, 4.9800,
5.6051


296.0864,


■ 1.5498, 2.2356,


329.8646, 362.1320


2.5416


351.6732,
390.5561, 428.5677


 0.3593, 0.7393,
0.8621

 0.0000, 0.0000,
0.0000


 59.8298, 69.3515,
76.5625


 59.8298, 69.3515,
76.5625


 54.2663, 66.5456,
73.5771


 66.2708, 72.6120,
79.6592


 49.5343, 64.1650,
70.6959


 73.6211, 76.3379,
82.8648


 45.5921, 62.1901,
67.9180


 81.9181, 80.5503,
86.1828


 42.3923, 60.5965,
65.2407


 83.0410, 81.0628,
89.2338


 39.8823, 59.3571,
62.6611


 83.6288, 81.2979,
92.3289

 38.0025, 58.4411,
60.1759

 84.2299, 81.5383,
95.4941


 36.6830, 57.8125,
57.7812

 84.8444, 81.7841,
98.7300

 35.8306, 57.4233,
55.4723

 85.4724, 82.0353,
102.0370

 35.6417, 57.3391,
54.8693

 86.1139, 82.2920,
105.4154

Harmonies

Analogous

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



60.4501, 69.3515, 67.7044



59.8298, 69.3515, 76.5625



60.7954, 69.3515, 85.8558

Triad

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



59.8298, 69.3515, 76.5625



69.4357, 69.3515, 91.5996



68.7831, 69.3515, 60.5210

Complementary

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



59.8298, 69.3515, 76.5625



58.2383, 54.9774, 57.9973

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.



71.3175, 69.3515, 66.0342



59.8298, 69.3515, 76.5625



71.7030, 69.3515, 83.8979

Square

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



59.8298, 69.3515, 76.5625



66.2823, 69.3515, 94.9776



72.4027, 69.3515, 74.4711



65.5521, 69.3515, 58.9062

Rectangle

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



59.8298, 69.3515, 76.5625



62.2278, 69.3515, 90.9138



72.4027, 69.3515, 74.4711



69.7482, 69.3515, 61.9560

Sweetspot

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



59.8318, 69.3544, 76.5641



90.1474, 97.5149, 106.7580



57.8208, 68.7557, 56.6792



19.1531, 20.8002, 22.7868



0.0000, 0.0000, 0.0000



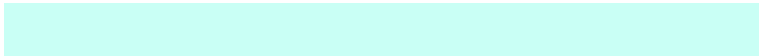
20.3446, 21.4041, 23.3091

Same Dimension

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



59.8318, 69.3544, 76.5641



76.5088, 90.6161, 100.1528



57.5487, 63.2904, 80.4207



14.0054, 15.5279, 17.0639



20.5769, 33.0556, 31.8249



1.4542, 2.3024, 2.3531

Inverse Universe

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



58.2383, 54.9774, 57.9973



73.9977, 67.9498, 70.8863



60.1908, 60.1032, 54.8842



13.8072, 13.7405, 14.7550



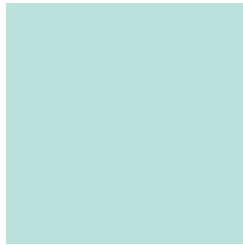
18.1484, 9.3264, 2.1813



1.2879, 0.6584, 0.3090

Previews

White Background



This preview shows how the XYZ color 59.8298, 69.3515, 76.5625 looks on a white background.

Color Contrast Check

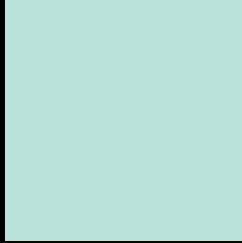
Large Text (above 18pt) WCAG AA × Fail

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 59.8298, 69.3515, 76.5625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

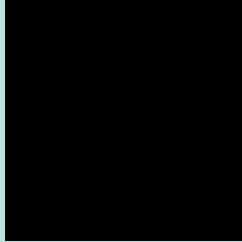
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

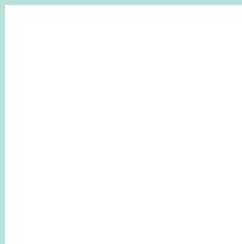
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8298, 69.3515, 76.5625

Background



This preview shows how black text looks on a background with the XYZ color 59.8298, 69.3515, 76.5625.



This preview shows how white text looks on a background with the XYZ color 59.8298, 69.3515,

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

59.8298, 69.3515, 76.5625

Protanopia

66.1295, 68.7771, 72.7407

Deuteranopia

70.3587, 68.9758, 78.0120



Tritanopia

62.9365, 69.4217, 91.7440

Trichromacy



Original Color

59.8298, 69.3515, 76.5625

Protanomaly

63.6097, 68.9792, 74.2517

Deuteranomaly

65.8340, 68.5199, 77.4660

Tritanomaly

61.7977, 69.3637, 85.7327

Monochromacy



Original Color

59.8298, 69.3515, 76.5625

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

61.7072, 67.2285, 74.0141

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8298, 69.3515, 76.5625 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(186, 225, 218)` looks like.

```
.text, #text, p{  
    color:rgb(186, 225, 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(186, 225, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 225, 218) }
```

Border

The CSS property to change the border of an element to XYZ 59.8298, 69.3515, 76.5625 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(186, 225, 218) }
```


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

```
.border{ border-color:rgb(186, 225, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 225, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 225, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 225, 218);  
box-shadow:4px 4px 4px 4px rgb(186, 225,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8298, 69.3515, 76.5625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 225, 218) }
```

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

```
.background{ background-color: rgb(186,  
225, 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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