

Converting Colors

XYZ(58.4275, 65.8502, 79.4770)

Have a look what the booklet for
XYZ(58.4275, 65.8502, 79.4770)
contains.

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Color

**XYZ(58.3983, 65.7848,
79.4319)**

Conversions

Conversions Part 1

Format	Color
Hex	B9DADF
RGB	185, 218, 223
RGB Percent	73%, 85%, 87%
CMY	0.2745, 0.1451, 0.1255
CMYK	0.17, 0.02, 0.00, 0.13
HSL	188°, 37%, 80%
HSV	188°, 17%, 87%
XYZ	58.3983, 65.7848, 79.4319
YIQ	208.7030, -21.2730, -5.4410

Conversions

Conversions Part 2

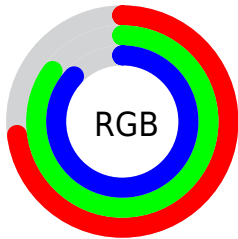
Format	Color
R _{YB}	185, 203, 223
Decimal	12180191
CIE Lab	84.89, -9.79, -6.10
CIE LCh	85, 11.534, 211.930
Yxy	65.7848, 0.2868, 0.3231
Android (android.graphics.Color)	4290370271 (0xFFB9DADF)
YUV	208.7030, 7.0484, -20.7875
Hunter-Lab	81.1078, -13.4172, -1.2894

Details

The XYZ color **58.3983, 65.7848, 79.4319** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.6025, 56.0178, 53.6768**, and the grayscale version is **60.3779, 63.5222, 69.1757**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **29.5251, 33.8468, 42.0227** is the 20% darker color. If you saturate the color by 10%, you get **52.6816, 61.7204, 78.9498**, and if you desaturate by 10%, it is **64.9761, 70.3165, 79.9610**.

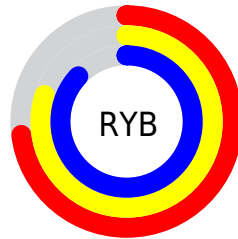
Distribution



Red (73%)

Green (85%)

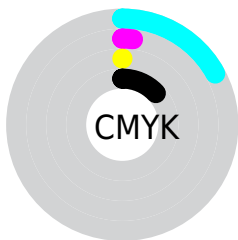
Blue (87%)



Red (73%)

Yellow (80%)

Blue (87%)

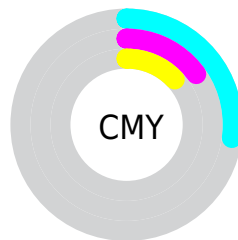


Cyan (17%)

Magenta (2%)

Yellow (0%)

Black (13%)



Cyan (27%)

Magenta (15%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3983, 65.7848, 79.4319 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 58.3983, 65.7848, 79.4319 by changing the saturation by 10% instead.

■ 58.3983, 65.7848,
79.4319

■ 58.3983, 65.7848,
79.4319

408.5984,
445.6069, 512.6724

■ 42.3734, 48.0977,
58.7276

■ 101.6223,
113.1774, 134.3709

■ 29.5862, 33.9043,
41.9753

129.5521,
143.6517, 169.4426

■ 19.6712, 22.8201,
28.7565

162.1810,
179.1573, 210.1406

■ 12.2632, 14.4607,
18.6527

199.8743,
220.0784, 256.8833

■ 6.9966, 8.4418,
11.2453

242.9973,
266.7995, 310.0893

■ 3.5063, 4.3789,
6.1159

291.9154,

■ 1.4268, 1.8877,

319.7051, 370.1771

2.8457

346.9940,
379.1794, 437.5653

■ 0.2752, 0.5410,
1.0164

■ 0.0000, 0.0000,
0.0000

■ 58.3983, 65.7848,
79.4319

■ 58.3983, 65.7848,
79.4319

■ 52.6816, 61.7204,
78.9498

■ 64.9761, 70.3165,
79.9610

■ 47.7809, 58.0949,
78.5083

■ 72.4459, 75.3264,
80.5343

■ 43.6558, 54.8889,
78.1069

■ 80.8442, 80.8351,
81.1549

■ 40.2599, 52.0786,
77.7434

■ 82.7826, 83.0339,
81.4772

■ 37.5420, 49.6373,
77.4154

■ 83.6043, 84.6775,
81.7511

■ 35.4440, 47.5351,
77.1202

■ 84.4399, 86.3486,
82.0296

■ 33.8980, 45.7368,
76.8546

■ 85.2893, 88.0474,
82.3128

■ 32.8152, 44.1965,
76.6144

■ 86.1526, 89.7741,
82.6005

■ 32.5392, 43.7672,
76.5461

■ 87.0300, 91.5288,
82.8930

Harmonies

Analogous

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



57.6846, 65.7848, 72.1095



58.3983, 65.7848, 79.4319



60.2145, 65.7848, 84.9514

Triad

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



58.3983, 65.7848, 79.4319



67.0201, 65.7848, 78.5446



62.3591, 65.7848, 58.3105

Complementary

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



58.3983, 65.7848, 79.4319



57.6025, 56.0178, 53.6768

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.



64.8969, 65.7848, 59.7769



58.3983, 65.7848, 79.4319



67.6320, 65.7848, 71.1496

Square

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



58.3983, 65.7848, 79.4319



65.1949, 65.7848, 84.4148



66.8448, 65.7848, 64.3536



59.9318, 65.7848, 60.2033

Rectangle

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



58.3983, 65.7848, 79.4319



61.8306, 65.7848, 86.6828



66.8448, 65.7848, 64.3536



63.2275, 65.7848, 58.4266

Sweetspot

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



58.4002, 65.7875, 79.4334



89.9813, 96.5964, 108.5102



55.6289, 66.7838, 58.3510



19.1126, 20.5761, 23.2142



0.0000, 0.0000, 0.0000



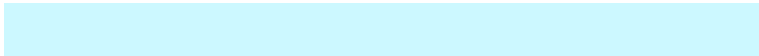
20.3446, 21.4041, 23.3091

Same Dimension

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



58.4002, 65.7875, 79.4334



76.6095, 87.3726, 107.4346



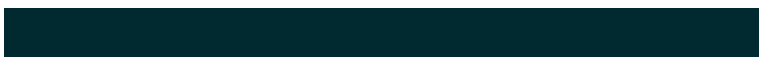
53.8822, 56.7514, 77.9274



13.9548, 15.2487, 17.5955



19.1920, 25.8535, 45.0271



1.3736, 1.8786, 3.1355

Inverse Universe

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



60.4368, 55.4493, 73.8502



79.8217, 71.2413, 98.5895



61.8512, 64.5154, 55.0931



14.2134, 13.9030, 16.8939



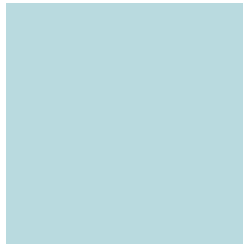
23.6274, 11.5180, 31.0334



1.6596, 0.8071, 2.2662

Previews

White Background



This preview shows how the XYZ color 58.3983, 65.7848, 79.4319 looks on a white background.

Color Contrast Check

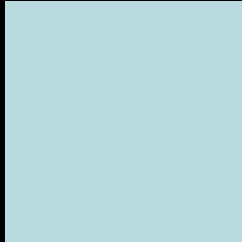
Large Text (above 18pt) WCAG AA × Fail

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 58.3983, 65.7848, 79.4319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

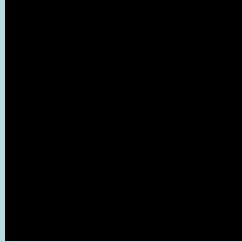
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

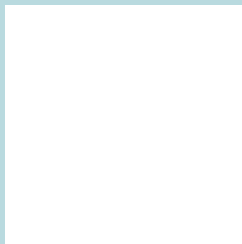
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.3983, 65.7848, 79.4319

Background



This preview shows how black text looks on a background with the XYZ color 58.3983, 65.7848, 79.4319.

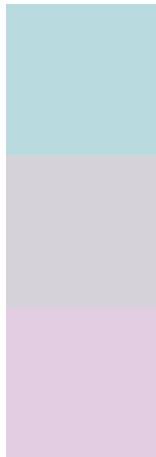


This preview shows how white text looks on a background with the XYZ color 58.3983, 65.7848,

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

58.3983, 65.7848, 79.4319

Protanopia

63.1421, 65.3013, 75.6061

Deuteranopia

66.9228, 65.3224, 81.0328



Tritanopia

59.9007, 65.6170, 87.3502

Trichromacy



Original Color

58.3983, 65.7848, 79.4319

Protanomaly

61.3411, 65.4523, 77.1107

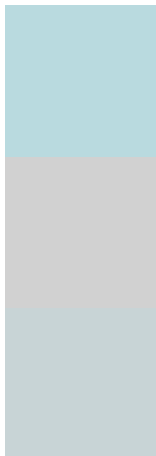
Deuteranomaly

63.5012, 65.3783, 80.5066

Tritanomaly

59.3455, 65.7780, 84.4315

Monochromacy



Original Color

58.3983, 65.7848, 79.4319

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.5005, 64.2214, 72.8783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3983, 65.7848, 79.4319 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(185, 218, 223)` looks like.

```
.text, #text, p{  
    color:rgb(185, 218, 223)  
}
```

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(185, 218, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 218, 223) }
```

Border

The CSS property to change the border of an element to XYZ 58.3983, 65.7848, 79.4319 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(185, 218, 223) }
```


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

```
.border{ border-color:rgb(185, 218, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 218, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 218, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 218, 223);  
box-shadow:4px 4px 4px 4px rgb(185, 218,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3983, 65.7848, 79.4319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 218, 223) }
```

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

```
.background{ background-color: rgb(185,  
218, 223) }
```

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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