

Converting Colors

XYZ(58.7479, 65.9804, 78.7485)

Have a look what the booklet for
XYZ(58.7479, 65.9804, 78.7485)
contains.

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Color

**XYZ(58.7497, 65.9815,
78.7465)**

Conversions

Conversions Part 1

Format	Color
Hex	BDDADE
RGB	187, 218, 222
RGB Percent	73%, 85%, 87%
CMY	0.2667, 0.1451, 0.1294
CMYK	0.16, 0.02, 0.00, 0.13
HSL	187°, 35%, 80%
HSV	187°, 16%, 87%
XYZ	58.7497, 65.9815, 78.7465
YIQ	209.1870, -19.7600, -5.3280

Conversions

Conversions Part 2

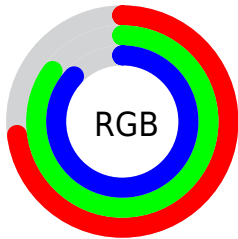
Format	Color
RYB	187, 203, 222
Decimal	12311262
CIELab	84.99, -9.37, -5.41
CIELCh	85, 10.819, 209.988
Yxy	65.9815, 0.2887, 0.3243
Android (android.graphics.Color)	4290501342 (0xFFBBDADE)
YUV	209.1870, 6.3168, -19.4580
Hunter-Lab	81.2290, -13.0488, -0.6177

Details

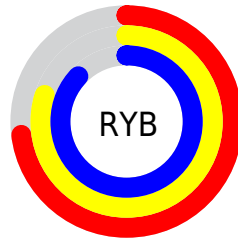
The XYZ color **58.7497, 65.9815, 78.7465** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.7251, 56.3789, 54.8546**, and the grayscale version is **60.6972, 63.8582, 69.5415**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **29.7451, 33.9710, 41.5485** is the 20% darker color. If you saturate the color by 10%, you get **53.0810, 62.0923, 78.2956**, and if you desaturate by 10%, it is **65.2719, 70.3291, 79.2430**.

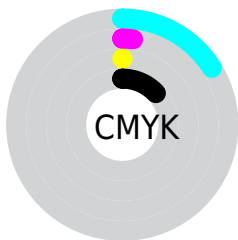
Distribution



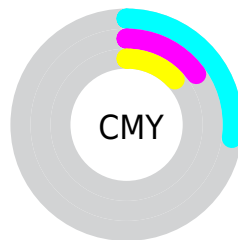
- Red (73%)
- Green (85%)
- Blue (87%)



- Red (73%)
- Yellow (80%)
- Blue (87%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7497, 65.9815, 78.7465 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 58.7497, 65.9815, 78.7465 by changing the saturation by 10% instead.

■ 58.7497, 65.9815,
78.7465

■ 58.7497, 65.9815,
78.7465

409.8827,
446.3107, 510.2933

■ 42.6573, 48.2574,
58.1673

■ 102.1305,
113.4598, 133.3974

■ 29.8096, 34.0308,
41.5276

130.1496,
143.9827, 168.3061

■ 19.8415, 22.9172,
28.4088

162.8749,
179.5408, 208.8285

■ 12.3875, 14.5324,
18.3923

200.6718,
220.5182, 255.3830

■ 7.0822, 8.4919,
11.0597

243.9057,
267.2996, 308.3882

■ 3.5604, 4.4113,
5.9923

292.9419,

■ 1.4566, 1.9062,

320.2692, 368.2626

2.7717

348.1458,
379.8114, 435.4248

■ 0.2960, 0.5521,
0.9793

■ 0.0000, 0.0000,
0.0000

■ 58.7497, 65.9815,
78.7465

■ 58.7497, 65.9815,
78.7465

■ 53.0810, 62.0923,
78.2956

■ 65.2719, 70.3291,
79.2430

■ 48.2215, 58.6335,
77.8841

■ 72.6778, 75.1454,
79.7823

■ 44.1317, 55.5862,
77.5115

■ 81.0032, 80.4509,
80.3675

■ 40.7664, 52.9271,
77.1756

■ 82.2085, 82.1009,
80.6225

■ 38.0755, 50.6304,
76.8741

■ 82.9117, 83.5073,
80.8569

■ 36.0028, 48.6670,
76.6044

■ 83.6251, 84.9343,
81.0947

■ 34.4824, 47.0028,
76.3633

■ 84.3489, 86.3818,
81.3360

■ 33.4334, 45.5961,
76.1471

■ 85.0831, 87.8501,
81.5807

■ 33.0716, 45.0473,
76.0602

■ 85.8276, 89.3392,
81.8289

Harmonies

Analogous

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



58.1524, 65.9815, 71.8398



58.7497, 65.9815, 78.7465



60.4034, 65.9815, 84.0747

Triad

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



58.7497, 65.9815, 78.7465



66.8505, 65.9815, 78.7518



62.7144, 65.9815, 59.2650

Complementary

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



58.7497, 65.9815, 78.7465



57.7251, 56.3789, 54.8546

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.



65.0817, 65.9815, 60.8585



58.7497, 65.9815, 78.7465



67.5069, 65.9815, 71.8455

Square

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



58.7497, 65.9815, 78.7465



65.0799, 65.9815, 84.0779



66.8516, 65.9815, 65.3546



60.4051, 65.9815, 60.8560

Rectangle

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



58.7497, 65.9815, 78.7465



61.9039, 65.9815, 85.8548



66.8516, 65.9815, 65.3546



63.5300, 65.9815, 59.4446

Sweetspot

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



58.7516, 65.9842, 78.7480



90.0511, 96.7360, 108.5335



55.9649, 66.5481, 58.8988



19.1296, 20.6101, 23.2199



0.0000, 0.0000, 0.0000



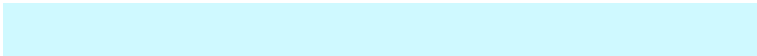
20.3446, 21.4041, 23.3091

Same Dimension

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



58.7516, 65.9842, 78.7480



77.6768, 88.4611, 107.5884



54.5661, 57.6132, 77.3528



13.9759, 15.2910, 17.6025



19.6959, 26.8614, 45.1950



1.4037, 1.9389, 3.1455

Inverse Universe

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



60.5509, 56.1335, 73.9763



80.6158, 72.5366, 99.7570



61.6508, 64.2304, 56.1632



14.2241, 13.9073, 16.9501



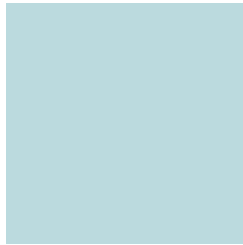
23.8818, 11.6197, 32.3729



1.6748, 0.8132, 2.3462

Previews

White Background



This preview shows how the XYZ color 58.7497, 65.9815, 78.7465 looks on a white background.

Color Contrast Check

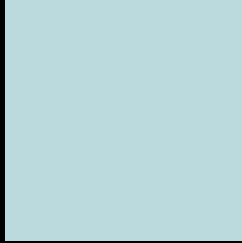
Large Text (above 18pt) WCAG AA × Fail

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 58.7497, 65.9815, 78.7465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

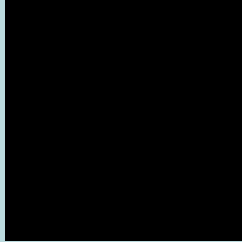
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7497, 65.9815, 78.7465

Background



This preview shows how black text looks on a background with the XYZ color 58.7497, 65.9815, 78.7465.



This preview shows how white text looks on a background with the XYZ color 58.7497, 65.9815,

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

58.7497, 65.9815, 78.7465

Protanopia

63.6807, 65.9466, 75.7023

Deuteranopia

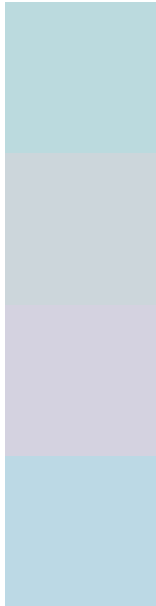
67.3405, 65.9097, 80.4068



Tritanopia

60.2501, 65.8137, 86.6186

Trichromacy



Original Color

58.7497, 65.9815, 78.7465

Protanomaly

61.7346, 66.0450, 76.5120

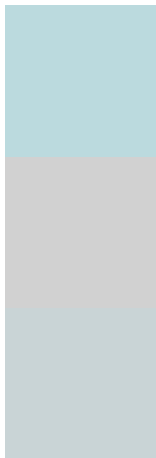
Deuteranomaly

63.6525, 65.4721, 79.8035

Tritanomaly

59.6947, 65.9742, 83.7168

Monochromacy



Original Color

58.7497, 65.9815, 78.7465

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.7685, 64.3595, 72.8908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7497, 65.9815, 78.7465 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(187, 218, 222)` looks like.

```
.text, #text, p{  
    color:rgb(187, 218, 222)  
}
```

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(187, 218, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 218, 222) }
```

Border

The CSS property to change the border of an element to XYZ 58.7497, 65.9815, 78.7465 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(187, 218, 222) }
```


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

```
.border{ border-color:rgb(187, 218, 222) }
```

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

Here you see how a box with a 4 pixel rgb(187, 218, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 218, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 218, 222);  
box-shadow:4px 4px 4px 4px rgb(187, 218,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7497, 65.9815, 78.7465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 218, 222) }
```

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

```
.background{ background-color: rgb(187,  
218, 222) }
```

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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