

Converting Colors

XYZ(43.7632, 59.1823, 59.0418)

Have a look what the booklet for
XYZ(43.7632, 59.1823, 59.0418)
contains.

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Color

**XYZ(43.7480, 59.0580,
58.9627)**

Conversions

Conversions Part 1

Format	Color
Hex	80DBC0
RGB	128, 219, 192
RGB Percent	50%, 86%, 75%
CMY	0.4980, 0.1412, 0.2471
CMYK	0.42, 0.00, 0.12, 0.14
HSL	162°, 56%, 68%
HSV	162°, 42%, 86%
XYZ	43.7480, 59.0580, 58.9627
YIQ	188.7130, -45.5690, -27.6890

Conversions

Conversions Part 2

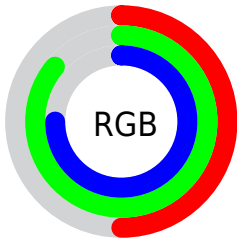
Format	Color
RYB	128, 181, 219
Decimal	8444864
CIELab	81.32, -33.45, 4.78
CIELCh	81, 33.788, 171.865
Yxy	59.0580, 0.2704, 0.3651
Android (android.graphics.Color)	4286634944 (0xFF80DBC0)
YUV	188.7130, 1.6205, -53.2453
Hunter-Lab	76.8492, -32.8713, 8.3041

Details

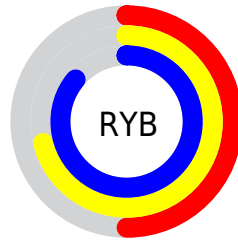
The XYZ color **43.7480, 59.0580, 58.9627** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **42.8510, 32.8664, 35.0979**, and the grayscale version is **48.2168, 50.7279, 55.2426**.

A 20% lighter version of the original color is **72.4704, 88.4877, 102.0672**, and **20.6081, 29.7927, 29.0905** is the 20% darker color. If you saturate the color by 10%, you get **40.0988, 57.2596, 55.1167**, and if you desaturate by 10%, it is **48.1432, 61.2403, 63.0121**.

Distribution



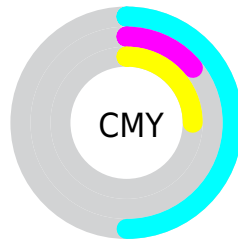
- Red (50%)
- Green (86%)
- Blue (75%)



- Red (50%)
- Yellow (71%)
- Blue (86%)



- Cyan (42%)
- Magenta (0%)
- Yellow (12%)
- Black (14%)





- Cyan (50%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7480, 59.0580, 58.9627 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 43.7480, 59.0580, 58.9627 by changing the saturation by 10% instead.


 43.7480, 59.0580,
58.9627


 43.7480, 59.0580,
58.9627


352.5485,
421.1168, 438.4617


 30.6695, 42.6598,
42.1633


 80.0871, 103.4620,
104.8520

 20.4979, 29.6183,
28.9026


 104.0784,
132.2365, 134.7790

 12.8678, 19.5490,
18.7622


 132.4381,
165.9053, 169.9190

 7.4140, 12.0677,
11.3235

165.5314,
204.8528, 210.6904

 3.7709, 6.7898,
6.1680

203.7237,
249.4632, 257.5118

 1.5734, 3.3310,
2.8771

247.3805,

 0.3750, 1.3069,

300.1211, 310.8018

1.0322

296.8670,
357.2109, 370.9790

■ 0.0000, 0.1465,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.7480, 59.0580,
58.9627

■ 43.7480, 59.0580,
58.9627

■ 40.0988, 57.2596,
55.1167

■ 48.1432, 61.2403,
63.0121

■ 37.1440, 55.8141,
51.4659


■ 53.3220, 63.8213,
67.2650


■ 34.8333, 54.6971,
48.0069


■ 59.3250, 66.8234,
71.7265


■ 33.1070, 53.8778,
44.7348


■ 66.1889, 70.2656,
76.4005


 31.8938, 53.3195,
41.6440


 73.9480, 74.1653,
81.2904

 31.1670, 52.9989,
39.1677

 80.9952, 77.6942,
86.3230

 81.9304, 78.0683,
91.2474

 82.9000, 78.4561,
96.3533

 83.9044, 78.8579,
101.6424

Harmonies

Analogous

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



46.1260, 59.0580, 43.1760



43.7480, 59.0580, 58.9627



44.4626, 59.0580, 79.8829

Triad

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



43.7480, 59.0580, 58.9627



61.3373, 59.0580, 107.5109



64.9319, 59.0580, 38.3340

Complementary

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



43.7480, 59.0580, 58.9627



42.8510, 32.8664, 35.0979

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.



69.6850, 59.0580, 50.8951



43.7480, 59.0580, 58.9627



67.4915, 59.0580, 91.3974

Square

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



43.7480, 59.0580, 58.9627



54.2354, 59.0580, 110.9324



70.6589, 59.0580, 69.9588



58.0740, 59.0580, 33.0061

Rectangle

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



43.7480, 59.0580, 58.9627



46.6257, 59.0580, 93.8682



70.6589, 59.0580, 69.9588



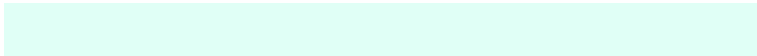
66.8518, 59.0580, 41.7076

Sweetspot

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



43.7497, 59.0604, 58.9641



83.2469, 94.0802, 100.8963



42.8048, 59.2223, 29.5980



17.5665, 20.0110, 21.4152



0.0000, 0.0000, 0.0000



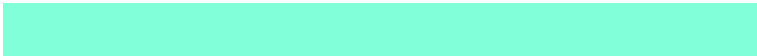
20.3446, 21.4041, 23.3091

Same Dimension

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



43.7497, 59.0604, 58.9641



57.1333, 81.0890, 78.4005



42.5301, 51.3859, 74.6975



13.2717, 14.7603, 15.8935



18.5300, 31.4446, 23.4882



1.2376, 2.0520, 1.7174

Inverse Universe

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



42.8510, 32.8664, 35.0979



55.7160, 39.2970, 40.4047



43.4213, 37.2397, 25.3224



13.2142, 13.1148, 14.3894



17.9297, 9.1729, 4.0100



1.1989, 0.6092, 0.4565

Previews

White Background



This preview shows how the XYZ color 43.7480, 59.0580, 58.9627 looks on a white background.

Color Contrast Check

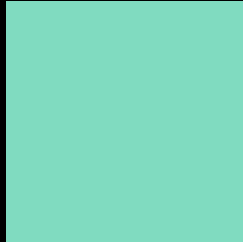
Large Text (above 18pt) WCAG AA × Fail

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 43.7480, 59.0580, 58.9627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

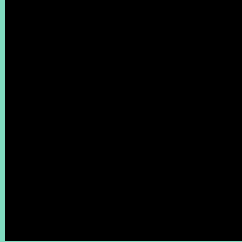
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

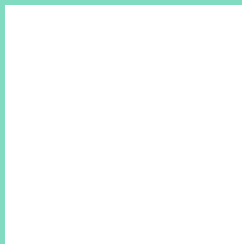
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.7480, 59.0580, 58.9627

Background



This preview shows how black text looks on a background with the XYZ color 43.7480, 59.0580, 58.9627.



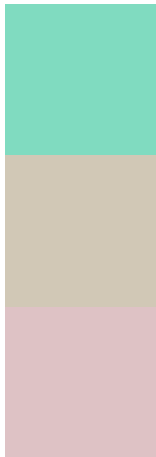
This preview shows how white text looks on a background with the XYZ color 43.7480, 59.0580,

58.9627.

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

43.7480, 59.0580, 58.9627

Protanopia

55.3923, 58.2413, 52.5782

Deuteranopia

59.4940, 58.1444, 60.9106



Tritanopia

48.6993, 58.7613, 84.3766

Trichromacy



Original Color

43.7480, 59.0580, 58.9627



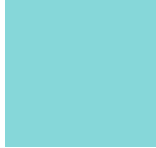
Protanomaly

49.9981, 57.8741, 54.9900



Deuteranomaly

51.9453, 57.3434, 59.9603



Tritanomaly

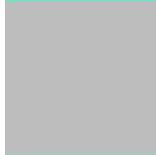
46.6563, 58.6790, 74.5128

Monochromacy



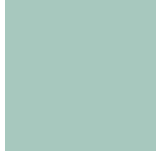
Original Color

43.7480, 59.0580, 58.9627



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

45.8849, 53.2417, 56.5735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7480, 59.0580, 58.9627 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(128, 219, 192)` looks like.

```
.text, #text, p{  
    color:rgb(128, 219, 192)  
}
```

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(128, 219, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 219, 192) }
```

Border

The CSS property to change the border of an element to XYZ 43.7480, 59.0580, 58.9627 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(128, 219, 192) }
```


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

```
.border{ border-color:rgb(128, 219, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 219, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 219, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 219, 192);  
box-shadow:4px 4px 4px 4px rgb(128, 219,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7480, 59.0580, 58.9627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 219, 192) }
```

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

```
.background{ background-color: rgb(128,  
219, 192) }
```

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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