

Converting Colors

XYZ(44.9662, 58.5638, 59.5167)

Have a look what the booklet for
XYZ(44.9662, 58.5638, 59.5167)
contains.

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Color

**XYZ(44.8290, 58.4510,
59.3715)**

Conversions

Conversions Part 1

Format	Color
Hex	8BD8C1
RGB	139, 216, 193
RGB Percent	55%, 85%, 76%
CMY	0.4549, 0.1529, 0.2431
CMYK	0.36, 0.00, 0.11, 0.15
HSL	162°, 50%, 70%
HSV	162°, 36%, 85%
XYZ	44.8290, 58.4510, 59.3715
YIQ	190.3550, -38.5090, -23.4770

Conversions

Conversions Part 2

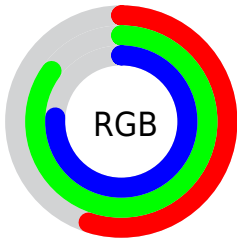
Format	Color
RYB	139, 184, 216
Decimal	9164993
CIELab	80.99, -28.85, 3.83
CIElCh	81, 29.105, 172.442
Yxy	58.4510, 0.2756, 0.3594
Android (android.graphics.Color)	4287355073 (0xFF8BD8C1)
YUV	190.3550, 1.3040, -45.0383
Hunter-Lab	76.4533, -29.1282, 7.4743

Details

The XYZ color **44.8290, 58.4510, 59.3715** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **44.0752, 35.6744, 38.7476**, and the grayscale version is **49.1582, 51.7182, 56.3212**.

A 20% lighter version of the original color is **75.3646, 89.9617, 103.0147**, and **21.2248, 29.3145, 29.3505** is the 20% darker color. If you saturate the color by 10%, you get **40.8686, 56.4922, 55.5110**, and if you desaturate by 10%, it is **49.5366, 60.7944, 63.4334**.

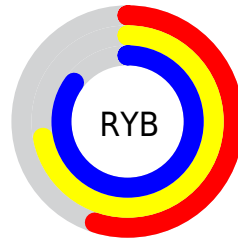
Distribution



Red (55%)

Green (85%)

Blue (76%)



Red (55%)

Yellow (72%)

Blue (85%)

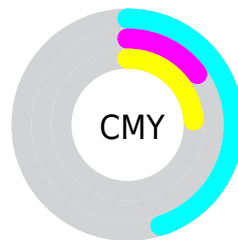


Cyan (36%)

Magenta (0%)

Yellow (11%)

Black (15%)



Cyan (45%)

Magenta (15%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.8290, 58.4510, 59.3715 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 44.8290, 58.4510, 59.3715 by changing the saturation by 10% instead.

■ 44.8290, 58.4510,
59.3715

■ 44.8290, 58.4510,
59.3715

356.8759,
418.8644, 440.0174

■ 31.5235, 42.1713,
42.4903

■ 81.7024, 102.5793,
105.4518

■ 21.1516, 29.2355,
29.1569

■ 106.0010,
131.1968, 135.4880

■ 13.3479, 19.2590,
18.9530

■ 134.6946,
164.6956, 170.7463

■ 7.7472, 11.8576,
11.4598

168.1486,
203.4602, 211.6451

■ 3.9841, 6.6468,
6.2590

206.7284,
247.8750, 258.6031

■ 1.6931, 3.2422,
2.9319

250.7993,

■ 0.4520, 1.2594,

298.3244, 312.0388

1.0599

300.7267,
355.1927, 372.3707

■ 0.0000, 0.1095,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 44.8290, 58.4510,
59.3715

■ 44.8290, 58.4510,
59.3715

■ 40.8686, 56.4922,
55.5110

■ 49.5366, 60.7944,
63.4334

■ 37.6080, 54.8891,
51.8440

■ 55.0257, 63.5354,
67.6967

■ 35.0018, 53.6198,
48.3674

■ 61.3341, 66.6952,
72.1662

■ 32.9970, 52.6571,
45.0766

■ 68.4959, 70.2910,
76.8457

■ 31.5320, 51.9691,
41.9665

■ 76.5431, 74.3396,
81.7385

■ 30.5312, 51.5171,
39.0314

■ 80.3223, 76.1840,
86.6053

■ 30.1817, 51.3638,
37.8054

■ 81.2546, 76.5569,
91.5144

■ 82.2208, 76.9434,
96.6026

■ 83.2214, 77.3436,
101.8717

Harmonies

Analogous

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



46.8559, 58.4510, 45.4598



44.8290, 58.4510, 59.3715



45.5066, 58.4510, 77.1905

Triad

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



44.8290, 58.4510, 59.3715



60.1042, 58.4510, 99.5635



62.9333, 58.4510, 40.7674

Complementary

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



44.8290, 58.4510, 59.3715



44.0752, 35.6744, 38.7476

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.



66.9854, 58.4510, 51.7817



44.8290, 58.4510, 59.3715



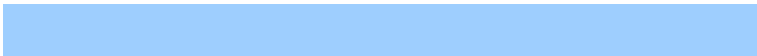
65.2713, 58.4510, 86.1249

Square

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



44.8290, 58.4510, 59.3715



54.0436, 58.4510, 102.5961



67.8705, 58.4510, 68.1150



57.0962, 58.4510, 36.0578

Rectangle

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



44.8290, 58.4510, 59.3715



47.4255, 58.4510, 88.8060



67.8705, 58.4510, 68.1150



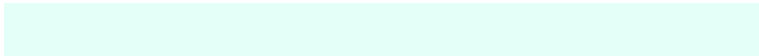
64.5662, 58.4510, 43.7484

Sweetspot

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



44.8306, 58.4534, 59.3728



84.1528, 94.5348, 101.5008



44.1386, 58.6702, 33.4252



17.7472, 20.1016, 21.5357



0.0000, 0.0000, 0.0000



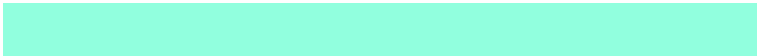
20.3446, 21.4041, 23.3091

Same Dimension

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



44.8306, 58.4534, 59.3728



60.7164, 82.8586, 82.0724



43.8375, 52.0361, 72.7020



12.6268, 14.0417, 15.1151



17.9134, 30.4207, 22.6373



1.1161, 1.8491, 1.5533

Inverse Universe

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



44.0752, 35.6744, 38.7476



59.4654, 44.8365, 47.6952



44.6027, 39.7082, 29.7407



12.5744, 12.4813, 13.6990



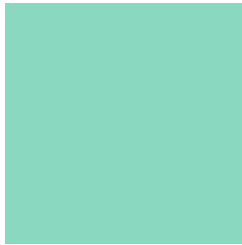
17.3603, 8.8804, 3.9354



1.0833, 0.5501, 0.4282

Previews

White Background



This preview shows how the XYZ color 44.8290, 58.4510, 59.3715 looks on a white background.

Color Contrast Check

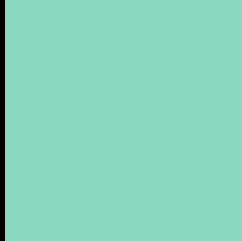
Large Text (above 18pt) WCAG AA × Fail

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 44.8290, 58.4510, 59.3715 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 44.8290, 58.4510, 59.3715

Background



This preview shows how black text looks on a background with the XYZ color 44.8290, 58.4510, 59.3715.



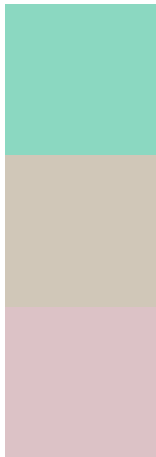
This preview shows how white text looks on a background with the XYZ color 44.8290, 58.4510,

59.3715.

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

44.8290, 58.4510, 59.3715

Protanopia

55.0876, 57.7174, 53.5846

Deuteranopia

59.0000, 57.8764, 61.4877



Tritanopia

49.3305, 58.3930, 82.0698

Trichromacy



Original Color

44.8290, 58.4510, 59.3715



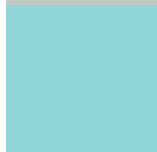
Protanomaly

50.3294, 57.3178, 55.4245



Deuteranomaly

52.5702, 57.3029, 60.5144



Tritanomaly

47.5616, 58.4241, 73.0602

Monochromacy



Original Color

44.8290, 58.4510, 59.3715



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

46.6220, 53.2664, 57.1144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.8290, 58.4510, 59.3715 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(139, 216, 193)` looks like.

```
.text, #text, p{  
    color:rgb(139, 216, 193)  
}
```

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(139, 216, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 216, 193) }
```

Border

The CSS property to change the border of an element to XYZ 44.8290, 58.4510, 59.3715 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(139, 216, 193) }
```


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

```
.border{ border-color:rgb(139, 216, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 216, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 216, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 216, 193);  
box-shadow:4px 4px 4px 4px rgb(139, 216,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 44.8290, 58.4510, 59.3715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 216, 193) }
```

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

```
.background{ background-color: rgb(139,  
216, 193) }
```

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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