

Converting Colors

XYZ(48.7756, 59.5225, 79.5976)

Have a look what the booklet for
XYZ(48.7756, 59.5225, 79.5976)
contains.

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Color

**XYZ(48.9103, 59.7335,
79.4729)**

Conversions

Conversions Part 1

Format	Color
Hex	8ED7E0
RGB	142, 215, 224
RGB Percent	56%, 84%, 88%
CMY	0.4431, 0.1568, 0.1216
CMYK	0.37, 0.04, 0.00, 0.12
HSL	187°, 57%, 72%
HSV	187°, 37%, 88%
XYZ	48.9103, 59.7335, 79.4729
YIQ	194.1990, -46.3970, -12.6770

Conversions

Conversions Part 2

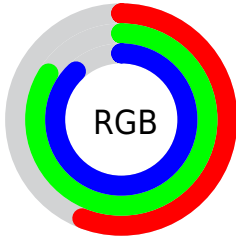
Format	Color
R _Y B	142, 181, 224
Decimal	9361376
CIE Lab	81.69, -20.42, -11.64
CIE LCh	82, 23.501, 209.681
Yxy	59.7335, 0.2600, 0.3175
Android (android.graphics.Color)	4287551456 (0xFF8ED7E0)
YUV	194.1990, 14.6919, -45.7785
Hunter-Lab	77.2875, -22.2918, -6.8653

Details

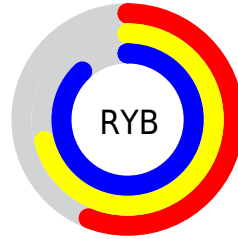
The XYZ color **48.9103, 59.7335, 79.4729** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.6904, 39.9341, 30.8397**, and the grayscale version is **51.3329, 54.0062, 58.8127**.

A 20% lighter version of the original color is **77.3632, 90.8821, 108.0723**, and **23.6627, 30.0324, 42.0858** is the 20% darker color. If you saturate the color by 10%, you get **44.8258, 56.7071, 79.1050**, and if you desaturate by 10%, it is **53.7801, 63.1816, 79.8828**.

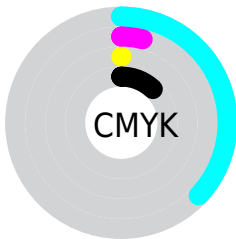
Distribution



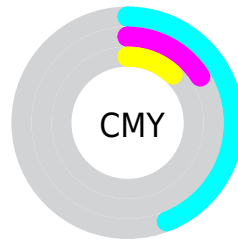
- Red (56%)
- Green (84%)
- Blue (88%)



- Red (56%)
- Yellow (71%)
- Blue (88%)



- Cyan (37%)
- Magenta (4%)
- Yellow (0%)
- Black (12%)



- Cyan (44%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.9103, 59.7335, 79.4729 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 48.9103, 59.7335, 79.4729 by changing the saturation by 10% instead.

■ 48.9103, 59.7335,
79.4729

■ 48.9103, 59.7335,
79.4729

372.9119,
423.6148, 512.8145

■ 34.7626, 43.2039,
58.7611

■ 87.7597, 104.4430,
134.4291

■ 23.6457, 30.0451,
42.0021

■ 113.1922,
133.3916, 169.5106

■ 15.1943, 19.8728,
28.7773

143.1169,
167.2487, 210.2190

■ 9.0431, 12.3026,
18.6683

177.8992,
206.3986, 256.9729

■ 4.8266, 6.9501,
11.2565

217.9045,
251.2258, 310.1909

■ 2.1796, 3.4309,
6.1233

263.4981,

■ 0.7320, 1.3606,

302.1146, 370.2915

2.8502

315.0455,
359.4495, 437.6932

■ 0.0000, 0.1874,
1.0187

■ 0.0000, 0.0000,
0.0000

■ 48.9103, 59.7335,
79.4729

■ 48.9103, 59.7335,
79.4729

■ 44.8258, 56.7071,
79.1050

■ 53.7801, 63.1816,
79.8828

■ 41.4745, 54.0711,
78.7729

■ 59.4724, 67.0663,
80.3326

■ 38.8068, 51.8014,
78.4754

■ 66.0287, 71.4104,
80.8256

■ 36.7643, 49.8677,
78.2098

■ 73.4859, 76.2331,
81.3634

■ 35.2787, 48.2350,
77.9729

■ 81.8788, 81.5524,
81.9478

■ 34.2636, 46.8583,
77.7607

■ 82.9225, 83.0973,
82.1910

■ 33.9754, 46.4232,
77.6919

■ 83.6104, 84.4731,
82.4203

■ 84.3080, 85.8683,
82.6528

■ 85.0153, 87.2829,
82.8886

Harmonies

Analogous

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



47.7899, 59.7335, 64.8882



48.9103, 59.7335, 79.4729



52.1102, 59.7335, 91.4841

Triad

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



48.9103, 59.7335, 79.4729



65.3822, 59.7335, 79.7732



56.8278, 59.7335, 41.4379

Complementary

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



48.9103, 59.7335, 79.4729



46.6904, 39.9341, 30.8397

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.



61.7100, 59.7335, 44.2560



48.9103, 59.7335, 79.4729



66.8209, 59.7335, 65.1913

Square

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



48.9103, 59.7335, 79.4729



61.6132, 59.7335, 91.6744



65.4404, 59.7335, 52.4690



52.1968, 59.7335, 44.1389

Rectangle

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



48.9103, 59.7335, 79.4729



55.0891, 59.7335, 95.6678



65.4404, 59.7335, 52.4690



58.4947, 59.7335, 41.7644

Sweetspot

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



48.9121, 59.7359, 79.4743



84.4987, 93.1147, 108.1271



43.3334, 61.2717, 38.4828



17.8297, 19.7603, 23.1243



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.



48.9121, 59.7359, 79.4743



61.3005, 76.9567, 106.2310



39.9022, 41.7161, 76.4710



13.9814, 15.3019, 17.6044



19.8282, 27.1260, 45.2391



1.4116, 1.9546, 3.1481

Inverse Universe

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



52.6807, 40.1010, 69.2563



67.1631, 47.2972, 90.1369



54.2986, 55.1505, 33.3758



14.2268, 13.9084, 16.9647



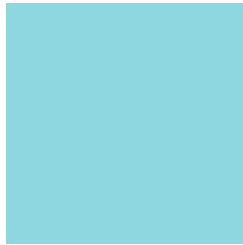
23.9486, 11.6464, 32.7246



1.6788, 0.8148, 2.3672

Previews

White Background



This preview shows how the XYZ color 48.9103, 59.7335, 79.4729 looks on a white background.

Color Contrast Check

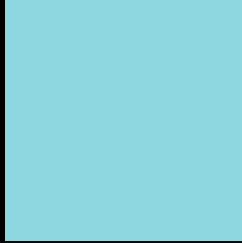
Large Text (above 18pt) WCAG AA × Fail

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 48.9103, 59.7335, 79.4729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

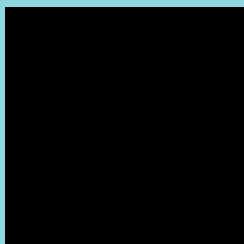
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

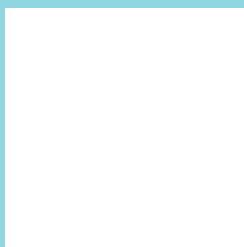
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.9103, 59.7335, 79.4729

Background



This preview shows how black text looks on a background with the XYZ color 48.9103, 59.7335, 79.4729.

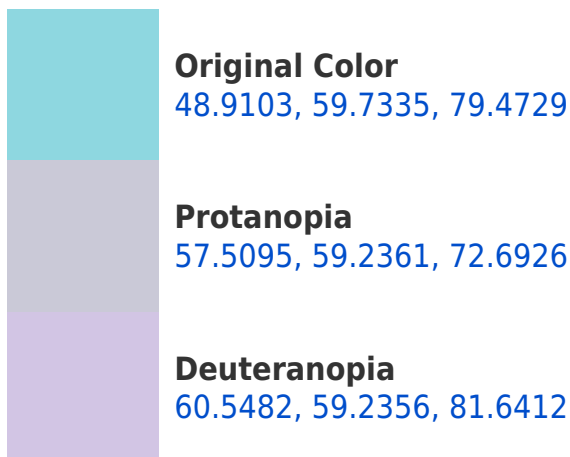


This preview shows how white text looks on a background with the XYZ color 48.9103, 59.7335,

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





Tritanopia

49.9720, 59.7919, 84.5085

Trichromacy



Original Color

48.9103, 59.7335, 79.4729

Protanomaly

53.5486, 58.9079, 74.8777

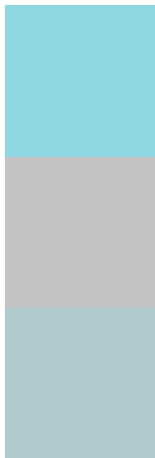
Deuteranomaly

55.4656, 59.0461, 81.1467

Tritanomaly

49.3779, 59.5342, 82.2876

Monochromacy



Original Color

48.9103, 59.7335, 79.4729

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

49.8192, 55.7628, 65.8952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9103, 59.7335, 79.4729 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(142, 215, 224)` looks like.

```
.text, #text, p{  
    color:rgb(142, 215, 224)  
}
```

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(142, 215, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 215, 224) }
```

Border

The CSS property to change the border of an element to XYZ 48.9103, 59.7335, 79.4729 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(142, 215, 224) }
```


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

```
.border{ border-color:rgb(142, 215, 224) }
```

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

Here you see how a box with a 4 pixel rgb(142, 215, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 215, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 215, 224);  
box-shadow:4px 4px 4px 4px rgb(142, 215,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9103, 59.7335, 79.4729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 215, 224) }
```

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

```
.background{ background-color: rgb(142,  
215, 224) }
```

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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