

Converting Colors

XYZ(48.9079, 59.8546, 73.9411)

Have a look what the booklet for
XYZ(48.9079, 59.8546, 73.9411)
contains.

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Color

**XYZ(48.9079, 59.8546,
73.9411)**

Conversions

Conversions Part 1

Format	Color
Hex	94D7D8
RGB	148, 215, 216
RGB Percent	58%, 84%, 85%
CMY	0.4196, 0.1568, 0.1529
CMYK	0.31, 0.00, 0.00, 0.15
HSL	181°, 47%, 71%
HSV	181°, 31%, 85%
XYZ	48.9079, 59.8546, 73.9411
YIQ	195.0810, -40.2530, -13.8930

Conversions

Conversions Part 2

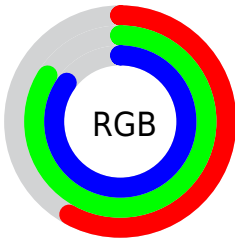
Format	Color
RYB	148, 182, 216
Decimal	9754584
CIELab	81.76, -20.71, -7.24
CIELCh	82, 21.939, 199.281
Yxy	59.8546, 0.2677, 0.3276
Android (android.graphics.Color)	4287944664 (0xFF94D7D8)
YUV	195.0810, 10.3131, -41.2900
Hunter-Lab	77.3658, -22.5487, -2.5095

Details

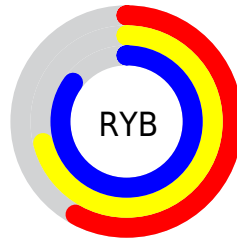
The XYZ color **48.9079, 59.8546, 73.9411** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.4126, 38.2327, 33.0573**, and the grayscale version is **51.8791, 54.5809, 59.4386**.

A 20% lighter version of the original color is **78.7118, 91.5774, 108.1354**, and **23.6199, 30.0945, 38.2821** is the 20% darker color. If you saturate the color by 10%, you get **45.2794, 57.8659, 73.7495**, and if you desaturate by 10%, it is **53.2691, 62.2243, 74.1696**.

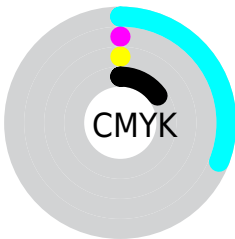
Distribution



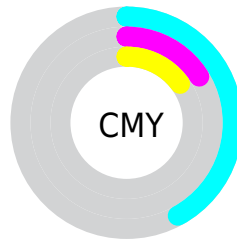
- Red (58%)
- Green (84%)
- Blue (85%)



- Red (58%)
- Yellow (71%)
- Blue (85%)



- Cyan (31%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (42%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.9079, 59.8546, 73.9411 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 48.9079, 59.8546, 73.9411 by changing the saturation by 10% instead.

■ 48.9079, 59.8546,
73.9411

■ 48.9079, 59.8546,
73.9411

372.9026,
424.0616, 493.4280

■ 34.7607, 43.3014,
54.2493

■ 87.7562, 104.6187,
126.5456

■ 23.6442, 30.1217,
38.4065

■ 113.1880,
133.5985, 160.2954

■ 15.1932, 19.9310,
25.9941

143.1119,
167.4892, 199.5683

■ 9.0423, 12.3449,
16.5935

177.8935,
206.6754, 244.7828

■ 4.8261, 6.9790,
9.7862

217.8980,
251.5413, 296.3575

■ 2.1793, 3.4490,
5.1537

263.4908,

■ 0.7318, 1.3704,

302.4714, 354.7109

2.2774

315.0372,
359.8500, 420.2616

■ 0.0000, 0.1947,
0.7185

■ 0.0000, 0.0000,
0.0000

■ 48.9079, 59.8546,
73.9411

■ 48.9079, 59.8546,
73.9411

■ 45.2794, 57.8659,
73.7495

■ 53.2691, 62.2243,
74.1696

■ 42.3378, 56.2299,
73.5888

■ 58.3952, 64.9870,
74.4327

■ 40.0401, 54.9262,
73.4582

■ 64.3228, 68.1632,
74.7334

■ 38.3365, 53.9290,
73.3555

■ 71.0849, 71.7698,
75.0731

■ 37.1699, 53.2088,
73.2780

■ 78.3417, 75.6317,
75.4361

■ 36.4719, 52.7304,
73.2225

■ 78.4233, 75.7948,
75.4632

■ 36.1469, 52.4621,
73.1878

■ 78.5050, 75.9583,
75.4905

■ 78.5869, 76.1220,
75.5178

■ 78.6689, 76.2861,
75.5451

Harmonies

Analogous

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



48.5981, 59.8546, 60.5519



48.9079, 59.8546, 73.9411



51.2879, 59.8546, 86.4250

Triad

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



48.9079, 59.8546, 73.9411



63.8941, 59.8546, 83.2225



58.5588, 59.8546, 43.2283

Complementary

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



48.9079, 59.8546, 73.9411



44.4126, 38.2327, 33.0573

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.



62.8859, 59.8546, 47.7236



48.9079, 59.8546, 73.9411



66.0752, 59.8546, 70.0202

Square

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



48.9079, 59.8546, 73.9411



59.8749, 59.8546, 92.2650



65.6965, 59.8546, 57.1242



54.0060, 59.8546, 43.9806

Rectangle

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



48.9079, 59.8546, 73.9411



53.8038, 59.8546, 91.9899



65.6965, 59.8546, 57.1242



60.0920, 59.8546, 44.1489

Sweetspot

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



48.9097, 59.8570, 73.9425



86.9976, 95.6895, 108.4924



42.1152, 57.5470, 36.9064



18.3622, 20.3425, 23.2087



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.



48.9097, 59.8570, 73.9425



67.4784, 85.1155, 107.4802



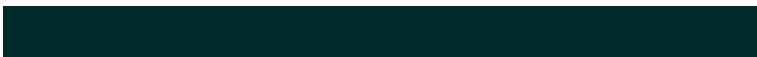
41.3367, 44.7111, 71.4182



12.7759, 14.0751, 15.9809



21.4025, 31.0668, 43.3216



1.2960, 1.8840, 2.6147

Inverse Universe

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



51.1760, 40.6866, 69.4486



71.3058, 52.8766, 99.8602



50.3934, 50.1943, 35.0509



12.9448, 12.6294, 15.6496



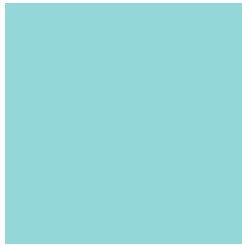
23.8618, 11.4811, 38.1721



1.4418, 0.6935, 2.3160

Previews

White Background



This preview shows how the XYZ color 48.9079, 59.8546, 73.9411 looks on a white background.

Color Contrast Check

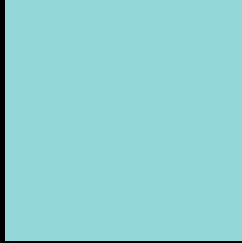
Large Text (above 18pt) WCAG AA × Fail

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 48.9079, 59.8546, 73.9411 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

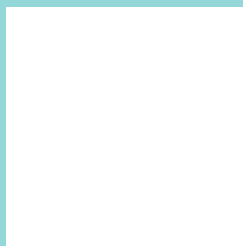
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.9079, 59.8546, 73.9411

Background



This preview shows how black text looks on a background with the XYZ color 48.9079, 59.8546, 73.9411.

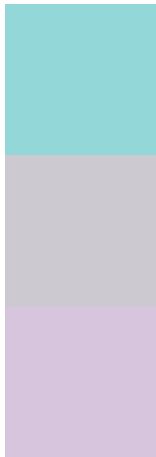


This preview shows how white text looks on a background with the XYZ color 48.9079, 59.8546,

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

48.9079, 59.8546, 73.9411

Protanopia

57.1736, 59.1647, 68.0811

Deuteranopia

60.6161, 59.3960, 75.9799



Tritanopia

50.8397, 59.8810, 83.7416

Trichromacy



Original Color

48.9079, 59.8546, 73.9411

Protanomaly

53.5963, 59.0361, 70.1983

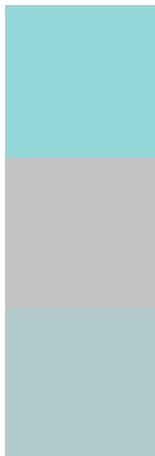
Deuteranomaly

55.6143, 59.2474, 75.5225

Tritanomaly

50.2149, 60.0134, 80.1713

Monochromacy



Original Color

48.9079, 59.8546, 73.9411

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.2601, 56.0178, 64.6634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9079, 59.8546, 73.9411 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(148, 215, 216)` looks like.

```
.text, #text, p{  
    color:rgb(148, 215, 216)  
}
```

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(148, 215, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 215, 216) }
```

Border

The CSS property to change the border of an element to XYZ 48.9079, 59.8546, 73.9411 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(148, 215, 216) }
```


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

```
.border{ border-color:rgb(148, 215, 216) }
```

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

Here you see how a box with a 4 pixel rgb(148, 215, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 215, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 215, 216);  
box-shadow:4px 4px 4px 4px rgb(148, 215,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9079, 59.8546, 73.9411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 215, 216) }
```

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

```
.background{ background-color: rgb(148,  
215, 216) }
```

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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