

Converting Colors

XYZ(48.5087, 59.2099, 76.1443)

Have a look what the booklet for
XYZ(48.5087, 59.2099, 76.1443)
contains.

XYZ(48.5098, 59.2273, 75.8931)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(48.5098, 59.2273,
75.8931)**

Conversions

Conversions Part 1

Format	Color
Hex	91D6DB
RGB	145, 214, 219
RGB Percent	57%, 84%, 86%
CMY	0.4314, 0.1608, 0.1412
CMYK	0.34, 0.02, 0.00, 0.14
HSL	184°, 51%, 71%
HSV	184°, 34%, 86%
XYZ	48.5098, 59.2273, 75.8931
YIQ	193.9390, -42.7290, -13.0730

Conversions

Conversions Part 2

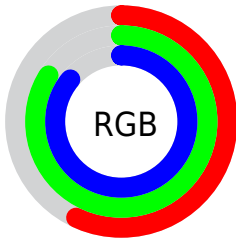
Format	Color
RYB	145, 181, 219
Decimal	9557723
CIELab	81.42, -20.32, -9.37
CIELCh	81, 22.377, 204.751
Yxy	59.2273, 0.2642, 0.3225
Android (android.graphics.Color)	4287747803 (0xFF91D6DB)
YUV	193.9390, 12.3551, -42.9195
Hunter-Lab	76.9593, -22.1647, -4.5971

Details

The XYZ color **48.5098, 59.2273, 75.8931** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.2315, 38.9178, 31.9174**, and the grayscale version is **51.1909, 53.8568, 58.6500**.

A 20% lighter version of the original color is **77.8974, 91.1575, 108.0973**, and **23.4134, 29.7008, 39.6208** is the 20% darker color. If you saturate the color by 10%, you get **44.6444, 56.6829, 75.6067**, and if you desaturate by 10%, it is **53.1259, 62.1667, 76.2182**.

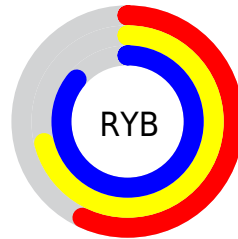
Distribution



Red (57%)

Green (84%)

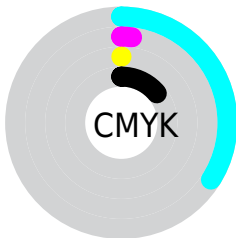
Blue (86%)



Red (57%)

Yellow (71%)

Blue (86%)

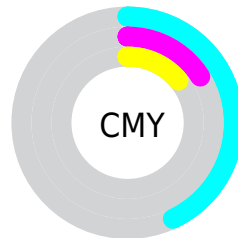


Cyan (34%)

Magenta (2%)

Yellow (0%)

Black (14%)



Cyan (43%)


Magenta (16%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.5098, 59.2273, 75.8931 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 48.5098, 59.2273, 75.8931 by changing the saturation by 10% instead.


 48.5098, 59.2273,
75.8931


 48.5098, 59.2273,
75.8931


371.3584,
421.7437, 500.3188

 34.4437, 42.7961,
55.8387


 87.1681, 103.7079,
129.3345

 23.3992, 29.7252,
39.6705


 112.4910,
132.5262, 163.5586

 15.0108, 19.6301,
26.9699


142.2968,
166.2423, 203.3430

 8.9134, 12.1264,
17.3184

176.9511,
205.2406, 249.1063

 4.7414, 6.8298,
10.2974

216.8190,
249.9055, 301.2669

 2.1295, 3.3559,
5.4884

262.2659,

 0.7052, 1.3202,

300.6214, 360.2436

2.4729

313.6572,
357.7727, 426.4547

■ 0.0000, 0.1568,
0.8257

■ 0.0000, 0.0000,
0.0000

■ 48.5098, 59.2273,
75.8931

■ 48.5098, 59.2273,
75.8931

■ 44.6444, 56.6829,
75.6067

■ 53.1259, 62.1667,
76.2182

■ 41.4816, 54.5042,
75.3529

■ 58.5270, 65.5144,
76.5797

■ 38.9758, 52.6693,
75.1308

■ 64.7515, 69.2916,
76.9807

■ 37.0740, 51.1507,
74.9379

■ 71.8338, 73.5161,
77.4228

■ 35.7147, 49.9168,
74.7714

■ 79.8062, 78.2046,
77.9076

■ 34.8236, 48.9293,
74.6277

■ 80.3815, 79.0849,
78.0472

■ 34.4293, 48.4004,
74.5464

■ 80.7782, 79.8782,
78.1794

■ 81.1783, 80.6784,
78.3128

■ 81.5819, 81.4855,
78.4473

Harmonies

Analogous

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



47.7988, 59.2273, 62.1592



48.5098, 59.2273, 75.8931



51.2578, 59.2273, 87.9111

Triad

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



48.5098, 59.2273, 75.8931



63.9681, 59.2273, 80.5371



57.1211, 59.2273, 42.0761

Complementary

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



48.5098, 59.2273, 75.8931



45.2315, 38.9178, 31.9174

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.



61.6493, 59.2273, 45.6463



48.5098, 59.2273, 75.8931



65.7400, 59.2273, 66.8752

Square

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



48.5098, 59.2273, 75.8931



60.1465, 59.2273, 90.8420



64.8688, 59.2273, 54.2877



52.6091, 59.2273, 43.7990

Rectangle

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



48.5098, 59.2273, 75.8931



53.9597, 59.2273, 92.6895



64.8688, 59.2273, 54.2877



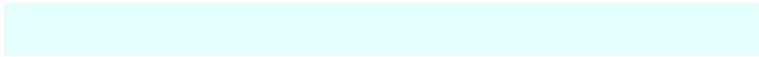
58.6942, 59.2273, 42.6803

Sweetspot

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



48.5116, 59.2297, 75.8945



85.7359, 94.3865, 108.3074



42.5095, 58.8838, 37.9527



18.0917, 20.0446, 23.1654



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.



48.5116, 59.2297, 75.8945



64.2593, 80.8440, 106.8254



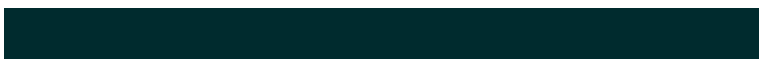
40.1999, 42.6063, 73.1239



13.3657, 14.6711, 16.7795



20.4472, 28.7638, 44.2127



1.3478, 1.9097, 2.8720

Inverse Universe

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



51.4779, 40.1674, 68.6608



69.1521, 49.9901, 94.7616



52.0816, 52.6181, 34.2008



13.5744, 13.2589, 16.2862



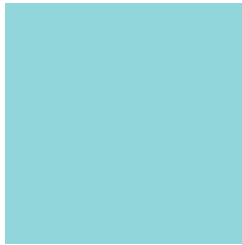
23.8161, 11.5275, 35.0074



1.5546, 0.7515, 2.3294

Previews

White Background



This preview shows how the XYZ color 48.5098, 59.2273, 75.8931 looks on a white background.

Color Contrast Check

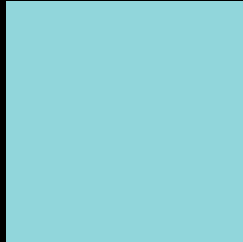
Large Text (above 18pt) WCAG AA × Fail

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 48.5098, 59.2273, 75.8931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

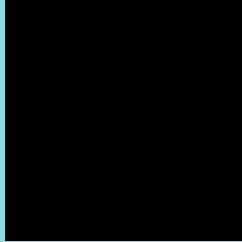
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.5098, 59.2273, 75.8931

Background



This preview shows how black text looks on a background with the XYZ color 48.5098, 59.2273, 75.8931.



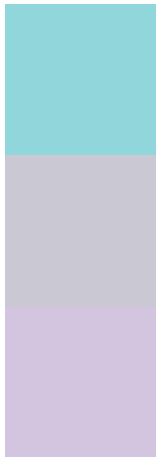
This preview shows how white text looks on a background with the XYZ color 48.5098, 59.2273,

75.8931.

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

48.5098, 59.2273, 75.8931

Protanopia

56.7693, 58.5683, 69.9408

Deuteranopia

59.9232, 58.6565, 77.9756



Tritanopia

49.8991, 59.0400, 82.8946

Trichromacy



Original Color

48.5098, 59.2273, 75.8931

Protanomaly

53.0250, 58.3414, 72.0846

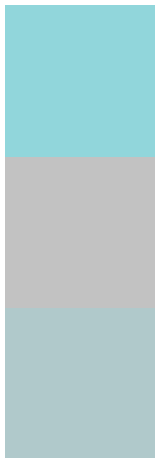
Deuteranomaly

55.0343, 58.5506, 77.5080

Tritanomaly

49.4175, 59.2278, 80.0617

Monochromacy



Original Color

48.5098, 59.2273, 75.8931

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

49.5706, 55.3152, 64.5642

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5098, 59.2273, 75.8931 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(145, 214, 219)` looks like.

```
.text, #text, p{  
    color:rgb(145, 214, 219)  
}
```

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(145, 214, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 214, 219) }
```

Border

The CSS property to change the border of an element to XYZ 48.5098, 59.2273, 75.8931 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(145, 214, 219) }
```


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

```
.border{ border-color:rgb(145, 214, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 214, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 214, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 214, 219);  
box-shadow:4px 4px 4px 4px rgb(145, 214,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5098, 59.2273, 75.8931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 214, 219) }
```

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

```
.background{ background-color: rgb(145,  
214, 219) }
```

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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