

Converting Colors

XYZ(48.7919, 60.0675, 69.0267)

Have a look what the booklet for
XYZ(48.7919, 60.0675, 69.0267)
contains.

XYZ(48.7580, 59.8797, 69.3097)	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(48.7580, 59.8797,
69.3097)**

Conversions

Conversions Part 1

Format	Color
Hex	98D7D1
RGB	152, 215, 209
RGB Percent	60%, 84%, 82%
CMY	0.4039, 0.1568, 0.1804
CMYK	0.29, 0.00, 0.03, 0.16
HSL	174°, 44%, 72%
HSV	174°, 29%, 84%
XYZ	48.7580, 59.8797, 69.3097
YIQ	195.4790, -35.6220, -15.2220

Conversions

Conversions Part 2

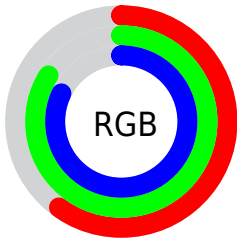
Format	Color
RYB	152, 185, 215
Decimal	10016721
CIELab	81.77, -21.18, -3.47
CIELCh	82, 21.460, 189.308
Yxy	59.8797, 0.2740, 0.3365
Android (android.graphics.Color)	4288206801 (0xFF98D7D1)
YUV	195.4790, 6.6659, -38.1311
Hunter-Lab	77.3820, -22.9465, 1.0624

Details

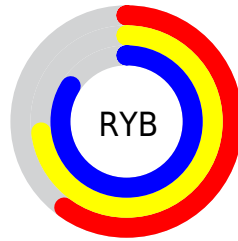
The XYZ color **48.7580, 59.8797, 69.3097** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.4263, 39.3740, 37.5560**, and the grayscale version is **52.1356, 54.8507, 59.7324**.

A 20% lighter version of the original color is **79.8224, 92.1499, 108.1874**, and **23.5242, 30.1048, 35.5813** is the 20% darker color. If you saturate the color by 10%, you get **44.8414, 57.8913, 67.8121**, and if you desaturate by 10%, it is **53.4107, 62.2503, 70.8613**.

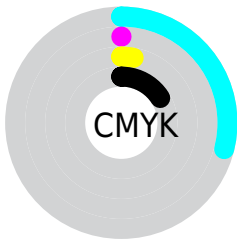
Distribution



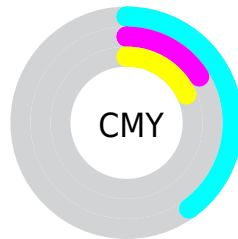
- Red (60%)
- Green (84%)
- Blue (82%)



- Red (60%)
- Yellow (73%)
- Blue (84%)



- Cyan (29%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)





- Cyan (40%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.7580, 59.8797, 69.3097 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 48.7580, 59.8797, 69.3097 by changing the saturation by 10% instead.


 48.7580, 59.8797,
69.3097


 48.7580, 59.8797,
69.3097


372.3216,
424.1542, 476.8460

 34.6413, 43.3217,
50.4906


 87.5348, 104.6551,
119.8957

 23.5519, 30.1376,
35.4295


 112.9256,
133.6413, 152.4997

 15.1245, 19.9430,
23.7077


142.8052,
167.5391, 190.5358

 8.9937, 12.3537,
14.9068

177.5388,
206.7327, 234.4224

 4.7941, 6.9850,
8.6081

217.4920,
251.6066, 284.5782

 2.1605, 3.4527,
4.3931

263.0299,

 0.7218, 1.3724,

302.5453, 341.4218

1.8434

314.5180,
359.9330, 405.3715

■ 0.0000, 0.1963,
0.4564

■ 0.0000, 0.0000,
0.0000

■ 48.7580, 59.8797,
69.3097

■ 48.7580, 59.8797,
69.3097

■ 44.8414, 57.8913,
67.8121

■ 53.4107, 62.2503,
70.8613

■ 41.6163, 56.2574,
66.3626

■ 58.8309, 65.0146,
72.4647

■ 39.0413, 54.9583,
64.9604

■ 65.0542, 68.1926,
74.1228

■ 37.0683, 53.9692,
63.6032

■ 72.1127, 71.8008,
75.8371

■ 35.6427, 53.2619,
62.2883

■ 78.3598, 74.9902,
77.5308

■ 34.6997, 52.8030,
61.0128

■ 78.6316, 75.0989,
78.9622

■ 34.1324, 52.5374,
59.7715

■ 78.9067, 75.2090,
80.4111

■ 34.0975, 52.5213,
59.6857

■ 79.1852, 75.3204,
81.8777

■ 79.4671, 75.4332,
83.3619

Harmonies

Analogous

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



49.1617, 59.8797, 56.7905



48.7580, 59.8797, 69.3097



50.4483, 59.8797, 82.2788

Triad

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



48.7580, 59.8797, 69.3097



62.6012, 59.8797, 86.4249



60.0415, 59.8797, 44.5692

Complementary

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



48.7580, 59.8797, 69.3097



45.4263, 39.3740, 37.5560

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.



63.9096, 59.8797, 50.6629



48.7580, 59.8797, 69.3097



65.4409, 59.8797, 74.3986

Square

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



48.7580, 59.8797, 69.3097



58.3317, 59.8797, 92.9867



65.9320, 59.8797, 61.2538



55.5192, 59.8797, 43.5846

Rectangle

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



48.7580, 59.8797, 69.3097



52.5905, 59.8797, 89.0402



65.9320, 59.8797, 61.2538



61.4679, 59.8797, 46.0454

Sweetspot

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



48.7597, 59.8821, 69.3111



86.7548, 95.7641, 106.6846



44.1295, 58.1699, 38.6091



18.3019, 20.3611, 22.7596



0.0000, 0.0000, 0.0000



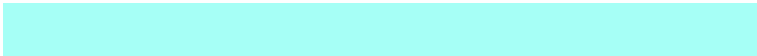
20.3446, 21.4041, 23.3091

Same Dimension

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



48.7597, 59.8821, 69.3111



68.1444, 86.2844, 100.6519



43.5867, 48.3241, 71.3229



12.7388, 14.0865, 15.7049



20.4151, 31.4214, 35.8112



1.2465, 1.9013, 2.2399

Inverse Universe

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



45.4263, 39.3740, 37.5560



62.4955, 51.5075, 46.8221



49.4556, 48.2395, 36.4117



12.4708, 12.4398, 13.1537



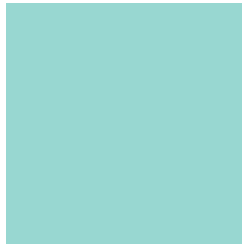
16.8575, 8.6793, 1.2880



1.0336, 0.5302, 0.1665

Previews

White Background



This preview shows how the XYZ color 48.7580, 59.8797, 69.3097 looks on a white background.

Color Contrast Check

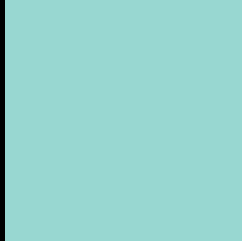
Large Text (above 18pt) WCAG AA × Fail

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 48.7580, 59.8797, 69.3097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

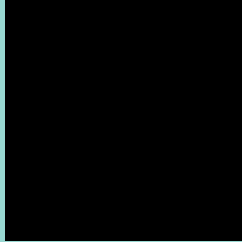
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

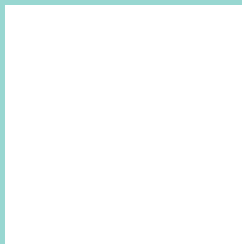
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.7580, 59.8797, 69.3097

Background



This preview shows how black text looks on a background with the XYZ color 48.7580, 59.8797, 69.3097.

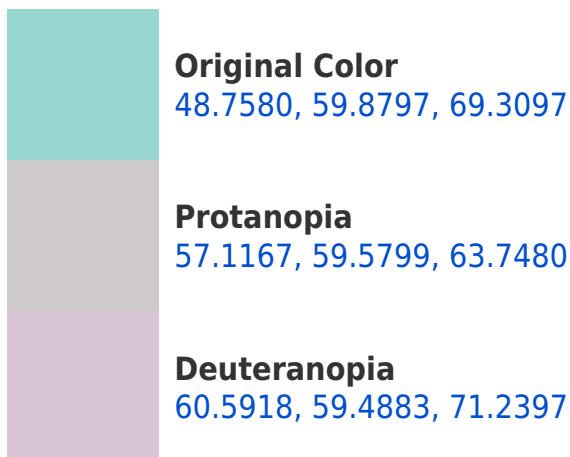


This preview shows how white text looks on a background with the XYZ color 48.7580, 59.8797,

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

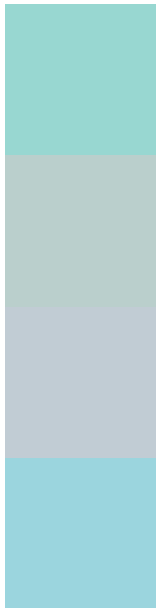




Tritanopia

51.3966, 59.8120, 82.9647

Trichromacy



Original Color

48.7580, 59.8797, 69.3097

Protanomaly

53.4616, 59.4244, 65.7791

Deuteranomaly

55.4688, 59.2767, 70.8054

Tritanomaly

50.4966, 59.8310, 77.9943

Monochromacy



Original Color

48.7580, 59.8797, 69.3097

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.1363, 55.9949, 62.8092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7580, 59.8797, 69.3097 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(152, 215, 209)` looks like.

```
.text, #text, p{  
    color:rgb(152, 215, 209)  
}
```

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(152, 215, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 215, 209) }
```

Border

The CSS property to change the border of an element to XYZ 48.7580, 59.8797, 69.3097 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(152, 215, 209) }
```


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

```
.border{ border-color:rgb(152, 215, 209) }
```

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

Here you see how a box with a 4 pixel rgb(152, 215, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 215, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 215, 209);  
box-shadow:4px 4px 4px 4px rgb(152, 215,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7580, 59.8797, 69.3097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 215, 209) }
```

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

```
.background{ background-color: rgb(152,  
215, 209) }
```

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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