

Converting Colors

XYZ(40.4958, 47.9415, 48.7143)

Have a look what the booklet for
XYZ(40.4958, 47.9415, 48.7143)
contains.

XYZ(40.4958, 47.9415, 48.7143)	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(40.4958, 47.9415,
48.7143)**

Conversions

Conversions Part 1

Format	Color
Hex	9CC0B1
RGB	156, 192, 177
RGB Percent	61%, 75%, 69%
CMY	0.3882, 0.2470, 0.3059
CMYK	0.19, 0.00, 0.08, 0.25
HSL	155°, 22%, 68%
HSV	155°, 19%, 75%
XYZ	40.4958, 47.9415, 48.7143
YIQ	179.5260, -16.6410, -12.2970

Conversions

Conversions Part 2

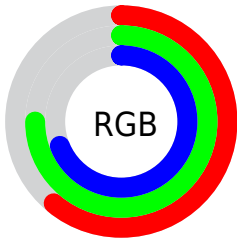
Format	Color
RYB	156, 179, 192
Decimal	10272945
CIELab	74.79, -15.09, 3.56
CIELCh	75, 15.507, 166.709
Yxy	47.9415, 0.2953, 0.3496
Android (android.graphics.Color)	4288463025 (0xFF9CC0B1)
YUV	179.5260, -1.2453, -20.6323
Hunter-Lab	69.2398, -16.7716, 6.7538

Details

The XYZ color **40.4958, 47.9415, 48.7143** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.9791, 37.9250, 43.6907**, and the grayscale version is **43.1424, 45.3892, 49.4288**.

A 20% lighter version of the original color is **75.1394, 86.8669, 89.8975**, and **18.4355, 22.5753, 22.4546** is the 20% darker color. If you saturate the color by 10%, you get **36.2960, 45.8672, 44.4766**, and if you desaturate by 10%, it is **45.3324, 50.3413, 53.2279**.

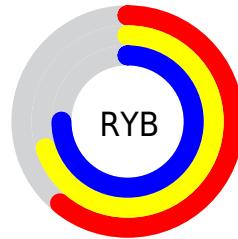
Distribution



Red (61%)

Green (75%)

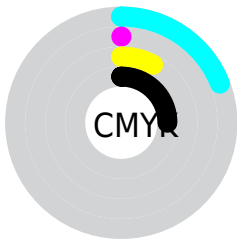
Blue (69%)



Red (61%)

Yellow (70%)

Blue (75%)

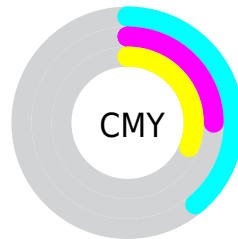


Cyan (19%)

Magenta (0%)

Yellow (8%)

Black (25%)



Cyan (39%)

Magenta (25%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4958, 47.9415, 48.7143 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 40.4958, 47.9415, 48.7143 by changing the saturation by 10% instead.

■ 40.4958, 47.9415,
48.7143

■ 40.4958, 47.9415,
48.7143

339.3076,
378.5602, 398.2066

■ 28.1113, 33.7806,
34.0289

■ 75.1975, 87.1173,
89.6436

■ 18.5504, 22.7251,
22.6383

■ 98.2453, 112.9009,
116.7245

■ 11.4480, 14.3906,
14.1238

125.5783,
143.3276, 148.7744

■ 6.4385, 8.3929,
8.0671

157.5617,
178.7817, 186.2117

■ 3.1567, 4.3473,
4.0495

194.5610,
219.6476, 229.4551

■ 1.2371, 1.8697,
1.6526

236.9415,

■ 0.1354, 0.5301,

266.3097, 278.9230

0.3279

285.0686,
319.1525, 335.0340

■ 0.0000, 0.0000,
0.0000

■ 40.4958, 47.9415,
48.7143

■ 40.4958, 47.9415,
48.7143

■ 36.2960, 45.8672,
44.4766

■ 45.3324, 50.3413,
53.2279

■ 32.7006, 44.0979,
40.5062

■ 50.8282, 53.0741,
58.0195

■ 29.6805, 42.6199,
36.7985

■ 57.0095, 56.1548,
63.0954

■ 27.2023, 41.4161,
33.3475

■ 63.9000, 59.5953,
68.4603

■ 25.2291, 40.4677,
30.1469

■ 71.5220, 63.4073,
74.1193

■ 23.7191, 39.7532,
27.1903

■ 73.6821, 64.3977,
79.7861

■ 22.6235, 39.2474,
24.4705

■ 74.7997, 64.8447,
85.6711

■ 21.8608, 38.9086,
21.9788

■ 75.9691, 65.3124,
91.8291

■ 21.7748, 38.8707,
21.6826

■ 77.1910, 65.8012,
98.2637

Harmonies

Analogous

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



41.7367, 47.9415, 42.2687



40.4958, 47.9415, 48.7143



40.5732, 47.9415, 56.7889

Triad

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



40.4958, 47.9415, 48.7143



47.1422, 47.9415, 68.5132



49.3832, 47.9415, 41.7026

Complementary

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



40.4958, 47.9415, 48.7143



40.9791, 37.9250, 43.6907

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.



50.9546, 47.9415, 47.8655



40.4958, 47.9415, 48.7143



49.6247, 47.9415, 63.5768

Square

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



40.4958, 47.9415, 48.7143



44.3330, 47.9415, 68.8008



51.0447, 47.9415, 55.8484



46.8236, 47.9415, 38.5108

Rectangle

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



40.4958, 47.9415, 48.7143



41.3608, 47.9415, 62.0335



51.0447, 47.9415, 55.8484



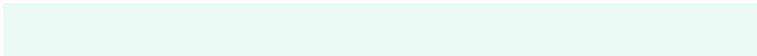
50.0490, 47.9415, 43.4650

Sweetspot

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



40.4971, 47.9435, 48.7154



84.6608, 92.4658, 98.6966



41.7776, 48.8271, 38.6760



18.0268, 19.7695, 21.0532



92.9021, 97.7402, 106.4391



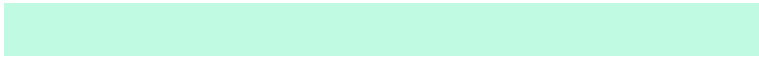
19.4759, 20.4902, 22.3138

Same Dimension

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



40.4971, 47.9435, 48.7154



69.7205, 85.0590, 84.6580



41.5533, 47.5296, 56.8555



10.1853, 11.3552, 11.9789



14.6910, 26.1705, 14.7976



0.6685, 1.1442, 0.8169

Inverse Universe

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



40.9791, 37.9250, 43.6907



70.7743, 63.1681, 73.6822



40.0357, 38.1985, 36.7163



10.2434, 10.1460, 11.3722



15.6390, 7.9453, 6.0108



0.7100, 0.3570, 0.4404

Previews

White Background



This preview shows how the XYZ color 40.4958, 47.9415, 48.7143 looks on a white background.

Color Contrast Check

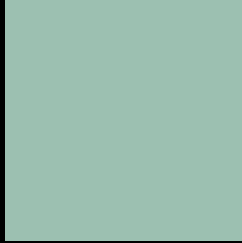
Large Text (above 18pt) WCAG AA × Fail

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 40.4958, 47.9415, 48.7143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

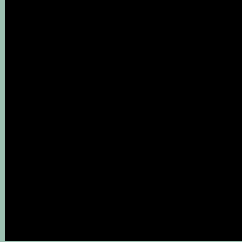
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

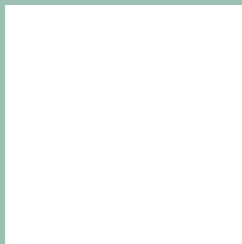
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.4958, 47.9415, 48.7143

Background



This preview shows how black text looks on a background with the XYZ color 40.4958, 47.9415, 48.7143.

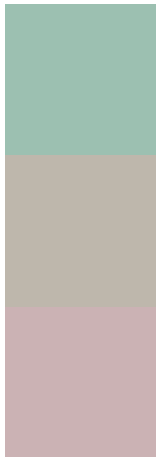


This preview shows how white text looks on a background with the XYZ color 40.4958, 47.9415,

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

40.4958, 47.9415, 48.7143

Protanopia

45.6151, 47.7927, 45.8505

Deuteranopia

48.7872, 47.8326, 49.8413



Tritanopia

43.4607, 47.8553, 63.4463

Trichromacy



Original Color

40.4958, 47.9415, 48.7143

Protanomaly

43.5590, 47.6388, 46.9438

Deuteranomaly

45.3199, 47.5607, 49.4394

Tritanomaly

42.2333, 47.6612, 58.0125

Monochromacy



Original Color

40.4958, 47.9415, 48.7143

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.0718, 46.1936, 49.3467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4958, 47.9415, 48.7143 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(156, 192, 177)` looks like.

```
.text, #text, p{  
    color:rgb(156, 192, 177)  
}
```

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(156, 192, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 192, 177) }
```

Border

The CSS property to change the border of an element to XYZ 40.4958, 47.9415, 48.7143 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(156, 192, 177) }
```


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

```
.border{ border-color:rgb(156, 192, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 192, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 192, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 192, 177); box-shadow:4px 4px 4px 4px rgb(156, 192, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4958, 47.9415, 48.7143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 192, 177) }
```

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

```
.background{ background-color: rgb(156,  
192, 177) }
```

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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