

Converting Colors

XYZ(39.1564, 48.5363, 52.0137)

Have a look what the booklet for
XYZ(39.1564, 48.5363, 52.0137)
contains.

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Color

**XYZ(39.1024, 48.4742,
52.0953)**

Conversions

Conversions Part 1

Format	Color
Hex	8CC4B7
RGB	140, 196, 183
RGB Percent	55%, 77%, 72%
CMY	0.4510, 0.2314, 0.2823
CMYK	0.29, 0.00, 0.07, 0.23
HSL	166°, 32%, 66%
HSV	166°, 29%, 77%
XYZ	39.1024, 48.4742, 52.0953
YIQ	177.7740, -29.2030, -15.9150

Conversions

Conversions Part 2

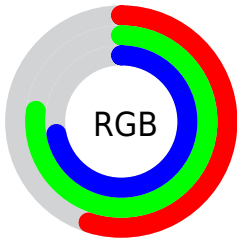
Format	Color
RYB	140, 172, 196
Decimal	9225399
CIELab	75.12, -20.90, 0.68
CIElCh	75, 20.912, 178.130
Yxy	48.4742, 0.2800, 0.3471
Android (android.graphics.Color)	4287415479 (0xFF8CC4B7)
YUV	177.7740, 2.5764, -33.1278
Hunter-Lab	69.6234, -21.5905, 4.3730

Details

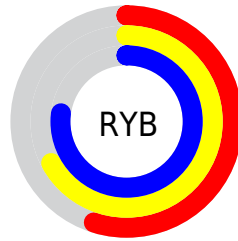
The XYZ color **39.1024, 48.4742, 52.0953** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.8945, 32.7932, 34.4714**, and the grayscale version is **42.1965, 44.3940, 48.3450**.

A 20% lighter version of the original color is **73.2109, 88.0847, 94.8048**, and **17.7268, 23.0324, 24.6305** is the 20% darker color. If you saturate the color by 10%, you get **35.6236, 46.7359, 49.5005**, and if you desaturate by 10%, it is **43.1876, 50.5258, 54.8005**.

Distribution



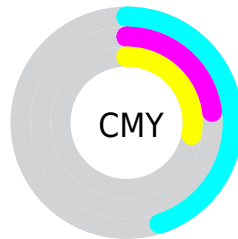
- Red (55%)
- Green (77%)
- Blue (72%)



- Red (55%)
- Yellow (67%)
- Blue (77%)



- Cyan (29%)
- Magenta (0%)
- Yellow (7%)
- Black (23%)




- Cyan (45%)
- Magenta (23%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1024, 48.4742, 52.0953 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 39.1024, 48.4742, 52.0953 by changing the saturation by 10% instead.


 39.1024, 48.4742,
52.0953


 39.1024, 48.4742,
52.0953


333.5253,
380.6687, 411.7718


 27.0205, 34.2026,
36.6983

 73.0878, 87.9100,
94.6998

 17.7253, 23.0493,
24.6800


 95.7220, 113.8430,
122.7443

 10.8514, 14.6299,
15.6220


 122.6043,
144.4319, 155.8418

 6.0336, 8.5600,
9.1056

154.1001,
180.0611, 194.4107

 2.9064, 4.4553,
4.7124

190.5748,
221.1149, 238.8696

 1.1044, 1.9314,
2.0237

232.3936,

 0.0288, 0.5672,

267.9779, 289.6371

0.5698

279.9220,
321.0343, 347.1317

■ 0.0000, 0.0000,
0.0000

■ 39.1024, 48.4742,
52.0953

■ 39.1024, 48.4742,
52.0953

■ 35.6236, 46.7359,
49.5005

■ 43.1876, 50.5258,
54.8005

■ 32.7156, 45.2889,
47.0106

■ 47.9040, 52.8998,
57.6149

■ 30.3456, 44.1175,
44.6243

■ 53.2802, 55.6122,
60.5416

■ 28.4756, 43.2021,
42.3392

■ 59.3418, 58.6760,
63.5826

■ 27.0625, 42.5206,
40.1523

■ 66.1129, 62.1038,
66.7395

■ 26.0556, 42.0468,
38.0606

■ 72.6518, 65.4100,
69.9692

■ 25.3736, 41.7388,
36.0594

■ 73.2281, 65.6405,
73.0040

■ 25.2858, 41.6996,
35.7801

■ 73.8207, 65.8776,
76.1245

■ 74.4297, 66.1211,
79.3313

Harmonies

Analogous

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



40.1018, 48.4742, 42.4157



39.1024, 48.4742, 52.0953



39.8832, 48.4742, 63.3537

Triad

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



39.1024, 48.4742, 52.0953



49.6308, 48.4742, 73.6342



50.0692, 48.4742, 36.8282

Complementary

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



39.1024, 48.4742, 52.0953



37.8945, 32.7932, 34.4714

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.



52.8728, 48.4742, 43.4538



39.1024, 48.4742, 52.0953



52.6100, 48.4742, 64.7089

Square

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



39.1024, 48.4742, 52.0953



45.8335, 48.4742, 76.7720



53.8270, 48.4742, 53.4710



46.3139, 48.4742, 34.3932

Rectangle

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



39.1024, 48.4742, 52.0953



41.3339, 48.4742, 70.0819



53.8270, 48.4742, 53.4710



51.1618, 48.4742, 38.5897

Sweetspot

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



39.1038, 48.4762, 52.0964



86.2588, 95.5657, 104.0724



37.6245, 48.1541, 32.1235



18.1790, 20.3119, 22.1121



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.



39.1038, 48.4762, 52.0964



66.9490, 85.8685, 91.5446



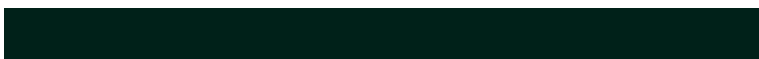
37.3180, 42.6376, 58.4898



10.2653, 11.3872, 12.4002



16.2809, 26.8064, 23.1702



0.7284, 1.1682, 1.1326

Inverse Universe

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



37.8945, 32.7932, 34.4714



64.4216, 53.0256, 54.6598



39.2104, 37.0512, 29.8968



10.1669, 10.1154, 10.9694



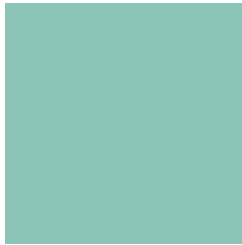
14.9662, 7.6762, 2.4679



0.6742, 0.3427, 0.2516

Previews

White Background



This preview shows how the XYZ color 39.1024, 48.4742, 52.0953 looks on a white background.

Color Contrast Check

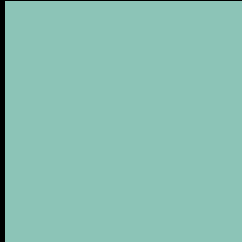
Large Text (above 18pt) WCAG AA × Fail

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 39.1024, 48.4742, 52.0953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

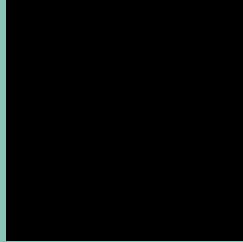
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.1024, 48.4742, 52.0953

Background



This preview shows how black text looks on a background with the XYZ color 39.1024, 48.4742, 52.0953.

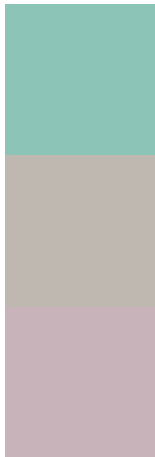


This preview shows how white text looks on a background with the XYZ color 39.1024, 48.4742,

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

39.1024, 48.4742, 52.0953

Protanopia

46.2122, 48.3627, 47.9736

Deuteranopia

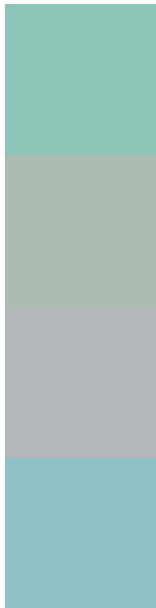
49.1771, 48.2456, 53.7341



Tritanopia

41.9119, 48.2731, 66.7832

Trichromacy



Original Color

39.1024, 48.4742, 52.0953

Protanomaly

43.1332, 47.9918, 49.6378

Deuteranomaly

44.8023, 47.8268, 53.3245

Tritanomaly

40.7065, 48.1031, 61.1722

Monochromacy



Original Color

39.1024, 48.4742, 52.0953

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

40.8970, 45.8857, 49.8813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1024, 48.4742, 52.0953 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(140, 196, 183)` looks like.

```
.text, #text, p{  
    color:rgb(140, 196, 183)  
}
```

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(140, 196, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 196, 183) }
```

Border

The CSS property to change the border of an element to XYZ 39.1024, 48.4742, 52.0953 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(140, 196, 183) }
```


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

```
.border{ border-color:rgb(140, 196, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 196, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 196, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 196, 183);  
box-shadow:4px 4px 4px 4px rgb(140, 196,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1024, 48.4742, 52.0953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 196, 183) }
```

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

```
.background{ background-color: rgb(140,  
196, 183) }
```

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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