

Converting Colors

XYZ(39.2285, 49.5418, 52.8424)

Have a look what the booklet for
XYZ(39.2285, 49.5418, 52.8424)
contains.

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Color

**XYZ(39.2285, 49.5418,
52.8424)**

Conversions

Conversions Part 1

Format	Color
Hex	88C7B8
RGB	136, 199, 184
RGB Percent	53%, 78%, 72%
CMY	0.4667, 0.2196, 0.2784
CMYK	0.32, 0.00, 0.08, 0.22
HSL	166°, 36%, 66%
HSV	166°, 32%, 78%
XYZ	39.2285, 49.5418, 52.8424
YIQ	178.4530, -32.7330, -18.0210

Conversions

Conversions Part 2

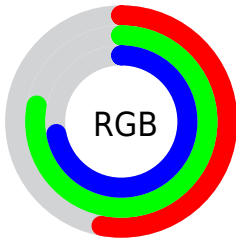
Format	Color
RYB	136, 172, 199
Decimal	8964024
CIELab	75.79, -23.36, 1.08
CIELCh	76, 23.390, 177.345
Yxy	49.5418, 0.2770, 0.3498
Android (android.graphics.Color)	4287154104 (0xFF88C7B8)
YUV	178.4530, 2.7347, -37.2313
Hunter-Lab	70.3859, -23.6912, 4.7581

Details

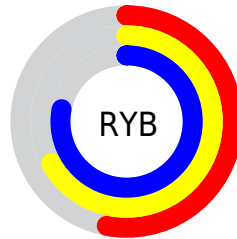
The XYZ color **39.2285, 49.5418, 52.8424** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.9450, 31.9861, 33.4541**, and the grayscale version is **42.5564, 44.7727, 48.7574**.

A 20% lighter version of the original color is **72.9740, 88.8876, 95.7490**, and **17.7894, 23.7285, 25.1152** is the 20% darker color. If you saturate the color by 10%, you get **35.8036, 47.8339, 50.1331**, and if you desaturate by 10%, it is **43.2729, 51.5697, 55.6697**.

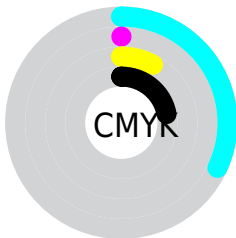
Distribution



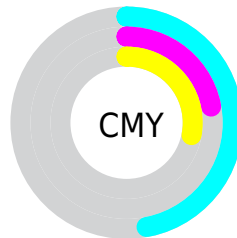
- Red (53%)
- Green (78%)
- Blue (72%)



- Red (53%)
- Yellow (67%)
- Blue (78%)



- Cyan (32%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)





- Cyan (47%)
- Magenta (22%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2285, 49.5418, 52.8424 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 39.2285, 49.5418, 52.8424 by changing the saturation by 10% instead.

 39.2285, 49.5418,
52.8424


 39.2285, 49.5418,
52.8424


334.0515,
384.8714, 414.7293


 27.1191, 35.0495,
37.2901


 73.2791, 89.4956,
95.8116

 17.7997, 23.7010,
25.1346


 95.9510, 115.7259,
124.0656

 10.9051, 15.1120,
15.9575


 122.8743,
146.6376, 157.3906

 6.0699, 8.8980,
9.3400


154.4146,
182.6151, 196.2051

 2.9287, 4.6747,
4.8638

190.9371,
224.0429, 240.9277

 1.1162, 2.0577,
2.1102

232.8071,

 0.0386, 0.6407,

271.3052, 291.9769

0.6218

280.3902,
324.7866, 349.7713

■ 0.0000, 0.0000,
0.0000

■ 39.2285, 49.5418,
52.8424

■ 39.2285, 49.5418,
52.8424

■ 35.8036, 47.8339,
50.1331

■ 43.2729, 51.5697,
55.6697

■ 32.9606, 46.4228,
47.5360

■ 47.9635, 53.9275,
58.6139

■ 30.6642, 45.2916,
45.0497


■ 53.3304, 56.6319,
61.6782


■ 28.8734, 44.4193,
42.6714


■ 59.4006, 59.6970,
64.8648

■ 27.5416, 43.7816,
40.3981

■ 66.1997, 63.1358,
68.1756


 26.6127, 43.3499,
38.2261

 73.6029, 66.8840,
71.6056

 26.0604, 43.1031,
36.4873

 74.2112, 67.1274,
74.8093

 74.8373, 67.3778,
78.1062

 75.4813, 67.6354,
81.4972

Harmonies

Analogous

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



40.4008, 49.5418, 42.0390



39.2285, 49.5418, 52.8424



40.0525, 49.5418, 65.6921

Triad

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



39.2285, 49.5418, 52.8424



51.0294, 49.5418, 78.0989



51.7395, 49.5418, 36.2071

Complementary

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



39.2285, 49.5418, 52.8424



37.9450, 31.9861, 33.4541

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.



54.9026, 49.5418, 43.6849



39.2285, 49.5418, 52.8424



54.4752, 49.5418, 67.9046

Square

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



39.2285, 49.5418, 52.8424



46.7023, 49.5418, 81.5358



55.9328, 49.5418, 55.0580



47.4759, 49.5418, 33.4042

Rectangle

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



39.2285, 49.5418, 52.8424



41.6529, 49.5418, 73.5144



55.9328, 49.5418, 55.0580



52.9764, 49.5418, 38.1949

Sweetspot

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



39.2299, 49.5438, 52.8435



86.2374, 95.5572, 103.9599



37.7710, 49.2778, 30.8142



18.1737, 20.3098, 22.0843



0.0000, 0.0000, 0.0000



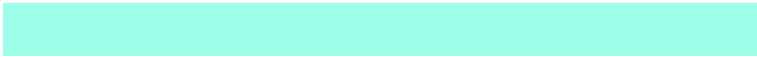
20.3446, 21.4041, 23.3091

Same Dimension

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



39.2299, 49.5438, 52.8435



64.4352, 84.6212, 89.2260



37.4488, 43.3298, 60.4249



10.8345, 12.0227, 13.0789



16.7922, 27.7293, 23.6482



0.8220, 1.3237, 1.2612

Inverse Universe

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



37.9450, 31.9861, 33.4541



61.8423, 49.0912, 50.0260



39.1864, 36.2965, 28.2340



10.7357, 10.6777, 11.5913



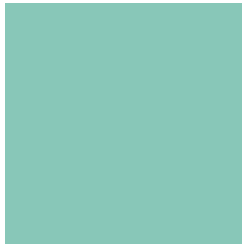
15.5092, 7.9532, 2.6252



0.7637, 0.3883, 0.2788

Previews

White Background



This preview shows how the XYZ color 39.2285, 49.5418, 52.8424 looks on a white background.

Color Contrast Check

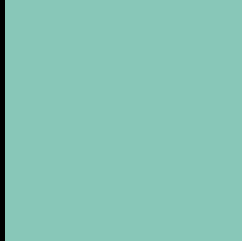
Large Text (above 18pt) WCAG AA × Fail

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 39.2285, 49.5418, 52.8424 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

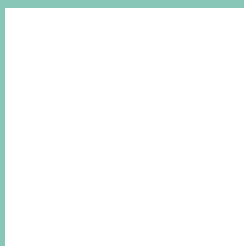
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.2285, 49.5418, 52.8424

Background



This preview shows how black text looks on a background with the XYZ color 39.2285, 49.5418, 52.8424.

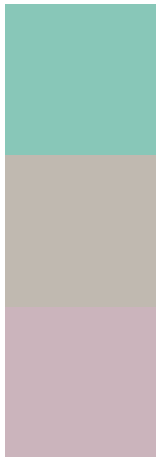


This preview shows how white text looks on a background with the XYZ color 39.2285, 49.5418,

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

39.2285, 49.5418, 52.8424

Protanopia

46.9237, 49.0390, 48.0666

Deuteranopia

50.0270, 48.9699, 54.3924



Tritanopia

42.4283, 49.4841, 68.9432

Trichromacy



Original Color

39.2285, 49.5418, 52.8424

Protanomaly

43.5634, 48.8522, 49.7812

Deuteranomaly

45.3304, 48.7122, 54.0269

Tritanomaly

41.0978, 49.2724, 62.6028

Monochromacy



Original Color

39.2285, 49.5418, 52.8424

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

40.9014, 46.1996, 49.9417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2285, 49.5418, 52.8424 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(136, 199, 184)` looks like.

```
.text, #text, p{  
    color:rgb(136, 199, 184)  
}
```

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(136, 199, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 199, 184) }
```

Border

The CSS property to change the border of an element to XYZ 39.2285, 49.5418, 52.8424 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(136, 199, 184) }
```


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

```
.border{ border-color:rgb(136, 199, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 199, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 199, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 199, 184);  
box-shadow:4px 4px 4px 4px rgb(136, 199,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2285, 49.5418, 52.8424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 199, 184) }
```

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

```
.background{ background-color: rgb(136,  
199, 184) }
```

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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