

Converting Colors

XYZ(39.6747, 48.2115, 58.1091)

Have a look what the booklet for
XYZ(39.6747, 48.2115, 58.1091)
contains.

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Color

**XYZ(39.7339, 48.3285,
58.2731)**

Conversions

Conversions Part 1

Format	Color
Hex	8AC3C2
RGB	138, 195, 194
RGB Percent	54%, 76%, 76%
CMY	0.4588, 0.2353, 0.2392
CMYK	0.29, 0.00, 0.01, 0.24
HSL	179°, 32%, 65%
HSV	179°, 29%, 76%
XYZ	39.7339, 48.3285, 58.2731
YIQ	177.8430, -33.6510, -12.3950

Conversions

Conversions Part 2

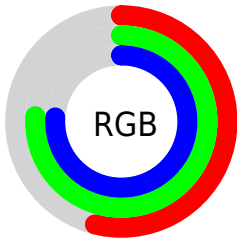
Format	Color
RYB	138, 167, 195
Decimal	9094082
CIELab	75.03, -18.52, -5.43
CIElCh	75, 19.296, 196.341
Yxy	48.3285, 0.2715, 0.3303
Android (android.graphics.Color)	4287284162 (0xFF8AC3C2)
YUV	177.8430, 7.9654, -34.9423
Hunter-Lab	69.5187, -19.6348, -1.0359

Details

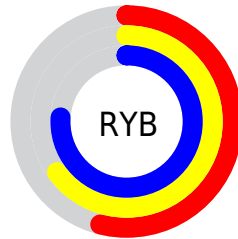
The XYZ color **39.7339, 48.3285, 58.2731** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.2560, 31.6444, 28.6249**, and the grayscale version is **42.2070, 44.4050, 48.3571**.

A 20% lighter version of the original color is **74.0580, 87.8604, 103.4980**, and **18.0048, 22.8745, 28.2772** is the 20% darker color. If you saturate the color by 10%, you get **36.7548, 46.7984, 57.9339**, and if you desaturate by 10%, it is **43.2952, 50.1612, 58.6421**.

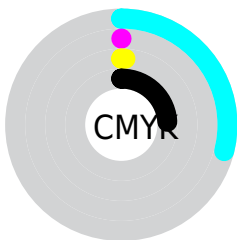
Distribution



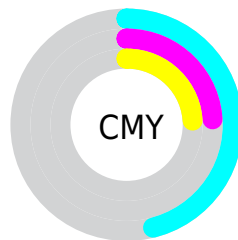
- Red (54%)
- Green (76%)
- Blue (76%)



- Red (54%)
- Yellow (65%)
- Blue (76%)



- Cyan (29%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)



- Cyan (46%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7339, 48.3285, 58.2731 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 39.7339, 48.3285, 58.2731 by changing the saturation by 10% instead.

■ 39.7339, 48.3285,
58.2731

■ 39.7339, 48.3285,
58.2731

336.1544,
380.0927, 435.8294

■ 27.5144, 34.0871,
41.6121

■ 74.0451, 87.6933,
103.8392

■ 18.0985, 22.9605,
28.4744

■ 96.8674, 113.5855,
133.5813

■ 11.1209, 14.5644,
18.4414

■ 123.9548,
144.1301, 168.5209

■ 6.2161, 8.5142,
11.0946

155.6726,
179.7115, 209.0764

■ 3.0188, 4.4257,
6.0156

192.3861,
220.7140, 255.6665

■ 1.1637, 1.9144,
2.7856

234.4606,

■ 0.0774, 0.5570,

267.5222, 308.7097

0.9862

282.2616,
320.5203, 368.6245

■ 0.0000, 0.0000,
0.0000

■ 39.7339, 48.3285,
58.2731

■ 39.7339, 48.3285,
58.2731

■ 36.7548, 46.7984,
57.9339

■ 43.2952, 50.1612,
58.6421

■ 34.3226, 45.5490,
57.6197

■ 47.4631, 52.3053,
59.0389

■ 32.4048, 44.5647,
57.3301

■ 52.2658, 54.7767,
59.4658

■ 30.9639, 43.8263,
57.0632

■ 57.7285, 57.5884,
59.9242

■ 29.9569, 43.3116,
56.8171

■ 63.8751, 60.7526,
60.4150

■ 29.3334, 42.9946,
56.5895

■ 70.7264, 64.2801,
60.9392

■ 29.0050, 42.8297,
56.3761

■ 70.7655, 64.2957,
61.1451

■ 28.9833, 42.8188,
56.3598

■ 70.8047, 64.3114,
61.3515

■ 70.8440, 64.3271,
61.5583

Harmonies

Analogous

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



39.6594, 48.3285, 48.1703



39.7339, 48.3285, 58.2731



41.4134, 48.3285, 67.9483

Triad

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



39.7339, 48.3285, 58.2731



51.0140, 48.3285, 67.1894



47.5537, 48.3285, 35.9257

Complementary

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



39.7339, 48.3285, 58.2731



36.2560, 31.6444, 28.6249

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.



50.7738, 48.3285, 39.7924



39.7339, 48.3285, 58.2731



52.8395, 48.3285, 57.3389

Square

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



39.7339, 48.3285, 58.2731



47.8679, 48.3285, 73.5290



52.7494, 48.3285, 47.3477



44.0544, 48.3285, 36.1083

Rectangle

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



39.7339, 48.3285, 58.2731



43.2687, 48.3285, 72.4751



52.7494, 48.3285, 47.3477



48.7082, 48.3285, 36.7715

Sweetspot

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



39.7353, 48.3304, 58.2742



85.0770, 93.7135, 105.7419



34.9023, 46.4339, 31.1687



18.3727, 20.3894, 23.1326



0.0000, 0.0000, 0.0000



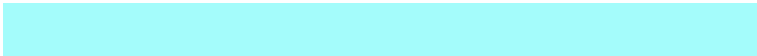
20.3446, 21.4041, 23.3091

Same Dimension

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



39.7353, 48.3304, 58.2742



67.6771, 84.7646, 103.9754



34.4095, 37.4981, 57.0562



10.3607, 11.4253, 12.9025



18.8403, 27.8302, 36.6477



0.8165, 1.2035, 1.5965

Inverse Universe

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



36.2560, 31.6444, 28.6249



60.4506, 50.1038, 42.3913



40.4779, 40.2049, 29.6725



10.0802, 10.0807, 10.5130



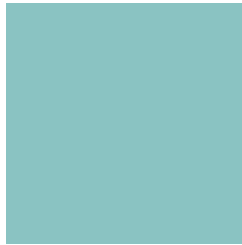
14.6430, 7.5469, 0.7661



0.6352, 0.3271, 0.0464

Previews

White Background



This preview shows how the XYZ color 39.7339, 48.3285, 58.2731 looks on a white background.

Color Contrast Check

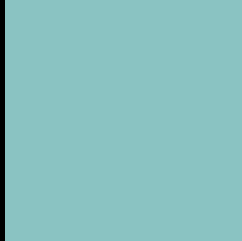
Large Text (above 18pt) WCAG AA × Fail

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 39.7339, 48.3285, 58.2731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

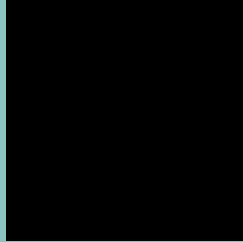
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.7339, 48.3285, 58.2731

Background



This preview shows how black text looks on a background with the XYZ color 39.7339, 48.3285, 58.2731.

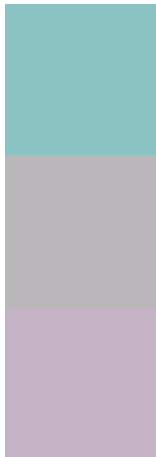


This preview shows how white text looks on a background with the XYZ color 39.7339, 48.3285,

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

39.7339, 48.3285, 58.2731

Protanopia

46.1528, 47.8939, 53.8256

Deuteranopia

48.9631, 48.0072, 59.5090



Tritanopia

41.4396, 48.3567, 66.8242

Trichromacy



Original Color

39.7339, 48.3285, 58.2731

Protanomaly

43.4268, 47.6934, 55.6321

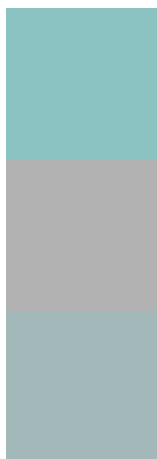
Deuteranomaly

44.9920, 47.7974, 59.0790

Tritanomaly

40.8865, 48.4708, 63.7008

Monochromacy



Original Color

39.7339, 48.3285, 58.2731

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

40.8965, 45.5282, 51.9797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7339, 48.3285, 58.2731 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(138, 195, 194)` looks like.

```
.text, #text, p{  
    color:rgb(138, 195, 194)  
}
```

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(138, 195, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 195, 194) }
```

Border

The CSS property to change the border of an element to XYZ 39.7339, 48.3285, 58.2731 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(138, 195, 194) }
```


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

```
.border{ border-color:rgb(138, 195, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 195, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 195, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 195, 194);  
box-shadow:4px 4px 4px 4px rgb(138, 195,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7339, 48.3285, 58.2731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 195, 194) }
```

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

```
.background{ background-color: rgb(138,  
195, 194) }
```

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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