

Converting Colors

XYZ(39.6724, 48.3033, 57.8372)

Have a look what the booklet for
XYZ(39.6724, 48.3033, 57.8372)
contains.

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Color

**XYZ(39.6220, 48.2837,
57.6835)**

Conversions

Conversions Part 1

Format	Color
Hex	8AC3C1
RGB	138, 195, 193
RGB Percent	54%, 76%, 76%
CMY	0.4588, 0.2353, 0.2431
CMYK	0.29, 0.00, 0.01, 0.24
HSL	178°, 32%, 65%
HSV	178°, 29%, 76%
XYZ	39.6220, 48.2837, 57.6835
YIQ	177.7290, -33.3300, -12.7060

Conversions

Conversions Part 2

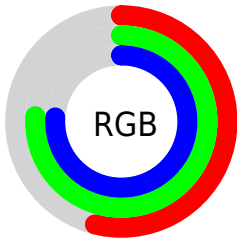
Format	Color
RYB	138, 167, 195
Decimal	9094081
CIELab	75.00, -18.75, -4.93
CIElCh	75, 19.383, 194.729
Yxy	48.2837, 0.2721, 0.3316
Android (android.graphics.Color)	4287284161 (0xFF8AC3C1)
YUV	177.7290, 7.5286, -34.8423
Hunter-Lab	69.4865, -19.8185, -0.5785

Details

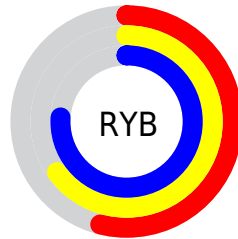
The XYZ color **39.6220, 48.2837, 57.6835** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.3295, 31.6740, 29.0118**, and the grayscale version is **42.1490, 44.3440, 48.2906**.

A 20% lighter version of the original color is **73.9016, 87.7978, 102.6742**, and **18.0048, 22.8745, 28.2772** is the 20% darker color. If you saturate the color by 10%, you get **36.6051, 46.7385, 57.1454**, and if you desaturate by 10%, it is **43.2213, 50.1316, 58.2528**.

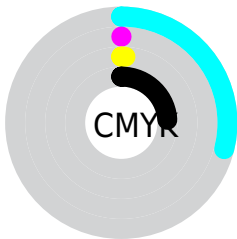
Distribution



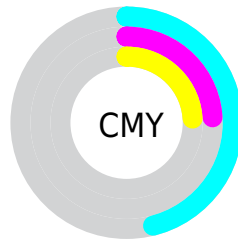
- Red (54%)
- Green (76%)
- Blue (76%)



- 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 39.6220, 48.2837, 57.6835 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 39.6220, 48.2837, 57.6835 by changing the saturation by 10% instead.

■ 39.6220, 48.2837,
57.6835

■ 39.6220, 48.2837,
57.6835

335.6896,
379.9155, 433.5708

■ 27.4268, 34.0516,
41.1412

■ 73.8756, 87.6267,
102.9720

■ 18.0323, 22.9332,
28.1089

■ 96.6647, 113.5063,
132.5554

■ 11.0730, 14.5442,
18.1680

■ 123.7159,
144.0373, 167.3229

■ 6.1836, 8.5001,
10.9000

155.3944,
179.6039, 207.6930

■ 2.9988, 4.4166,
5.8863

192.0657,
220.5907, 254.0843

■ 1.1531, 1.9092,
2.7084

234.0951,

■ 0.0689, 0.5539,

267.3820, 306.9154

0.9477

281.8479,
320.3621, 366.6047

■ 0.0000, 0.0000,
0.0000

■ 39.6220, 48.2837,
57.6835

■ 39.6220, 48.2837,
57.6835

■ 36.6051, 46.7385,
57.1454

■ 43.2213, 50.1316,
58.2528

■ 34.1354, 45.4740,
56.6336

■ 47.4276, 52.2911,
58.8513

■ 32.1803, 44.4749,
56.1479

■ 52.2689, 54.7779,
59.4814

■ 30.7024, 43.7217,
55.6862

■ 57.7704, 57.6051,
60.1443

■ 29.6586, 43.1923,
55.2468

■ 63.9561, 60.7850,
60.8410

■ 28.9987, 42.8607,
54.8271

■ 70.8467, 64.3281,
61.5726

■ 28.6341, 42.6813,
54.4231

■ 70.9254, 64.3596,
61.9873

■ 28.6096, 42.6693,
54.3922

■ 71.0045, 64.3913,
62.4038

■ 71.0840, 64.4230,
62.8222

Harmonies

Analogous

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



39.6371, 48.2837, 47.6060



39.6220, 48.2837, 57.6835



41.2266, 48.2837, 67.5111

Triad

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



39.6220, 48.2837, 57.6835



50.8484, 48.2837, 67.6654



47.7075, 48.2837, 35.9279

Complementary

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



39.6220, 48.2837, 57.6835



36.3295, 31.6740, 29.0118

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.



50.8972, 48.2837, 40.0186



39.6220, 48.2837, 57.6835



52.7730, 48.2837, 57.8734

Square

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



39.6220, 48.2837, 57.6835



47.6437, 48.2837, 73.7574



52.7913, 48.2837, 47.7731



44.1842, 48.2837, 35.8908

Rectangle

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



39.6220, 48.2837, 57.6835



43.0487, 48.2837, 72.2334



52.7913, 48.2837, 47.7731



48.8582, 48.2837, 36.8486

Sweetspot

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



39.6234, 48.2856, 57.6846



85.0138, 93.6883, 105.4095



35.0631, 46.5167, 31.1764



18.3567, 20.3830, 23.0480



0.0000, 0.0000, 0.0000



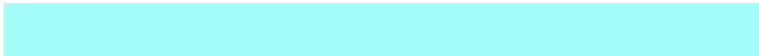
20.3446, 21.4041, 23.3091

Same Dimension

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



39.6234, 48.2856, 57.6846



67.4338, 84.6673, 102.6944



34.5862, 37.8514, 57.1150



10.3528, 11.4222, 12.8610



18.6008, 27.7344, 35.3865



0.8085, 1.2003, 1.5545

Inverse Universe

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



36.3295, 31.6740, 29.0118



60.5933, 50.1609, 43.1427



40.3077, 39.8646, 29.6160



10.0872, 10.0835, 10.5498



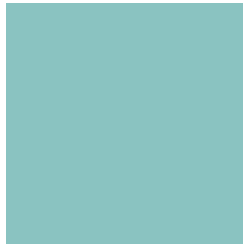
14.6584, 7.5531, 0.8474



0.6384, 0.3284, 0.0632

Previews

White Background



This preview shows how the XYZ color 39.6220, 48.2837, 57.6835 looks on a white background.

Color Contrast Check

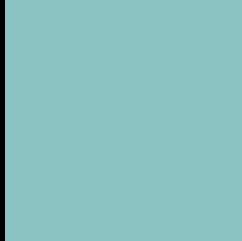
Large Text (above 18pt) WCAG AA × Fail

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 39.6220, 48.2837, 57.6835 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

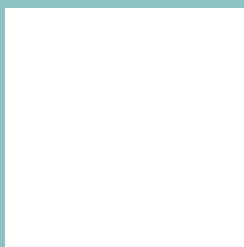
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.6220, 48.2837, 57.6835

Background



This preview shows how black text looks on a background with the XYZ color 39.6220, 48.2837, 57.6835.

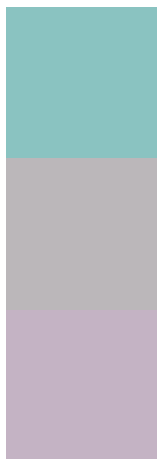


This preview shows how white text looks on a background with the XYZ color 39.6220, 48.2837,

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

39.6220, 48.2837, 57.6835

Protanopia

46.2899, 47.9769, 53.2751

Deuteranopia

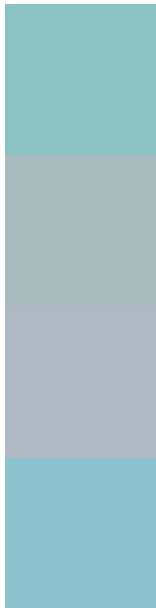
48.8489, 47.9615, 58.9074



Tritanopia

41.4396, 48.3567, 66.8242

Trichromacy



Original Color

39.6220, 48.2837, 57.6835

Protanomaly

43.3178, 47.6498, 55.0583

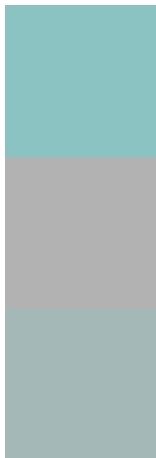
Deuteranomaly

44.8785, 47.7520, 58.4815

Tritanomaly

40.8865, 48.4708, 63.7008

Monochromacy



Original Color

39.6220, 48.2837, 57.6835

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

40.7920, 45.4864, 51.4295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6220, 48.2837, 57.6835 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(138, 195, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 195, 193) }
```

Border

The CSS property to change the border of an element to XYZ 39.6220, 48.2837, 57.6835 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, 193) }
```


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

```
.border{ border-color:rgb(138, 195, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 195, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 195, 193);  
box-shadow:4px 4px 4px 4px rgb(138, 195,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6220, 48.2837, 57.6835 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, 193) }
```

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

```
.background{ background-color: rgb(138,  
195, 193) }
```

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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