

Converting Colors

XYZ(39.2401, 43.4545, 58.3520)

Have a look what the booklet for
XYZ(39.2401, 43.4545, 58.3520)
contains.

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Color

**XYZ(39.2340, 43.3034,
58.5151)**

Conversions

Conversions Part 1

Format	Color
Hex	98B4C4
RGB	152, 180, 196
RGB Percent	60%, 71%, 77%
CMY	0.4039, 0.2941, 0.2314
CMYK	0.22, 0.08, 0.00, 0.23
HSL	202°, 27%, 68%
HSV	202°, 22%, 77%
XYZ	39.2340, 43.3034, 58.5151
YIQ	173.4520, -21.8240, -0.9600

Conversions

Conversions Part 2

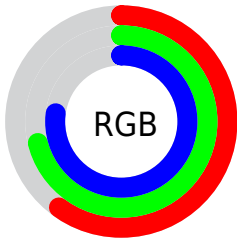
Format	Color
RYB	152, 169, 196
Decimal	10007748
CIELab	71.76, -5.99, -11.29
CIELCh	72, 12.784, 242.057
Yxy	43.3034, 0.2782, 0.3070
Android (android.graphics.Color)	4288197828 (0xFF98B4C4)
YUV	173.4520, 11.1162, -18.8134
Hunter-Lab	65.8053, -8.7353, -6.6579

Details

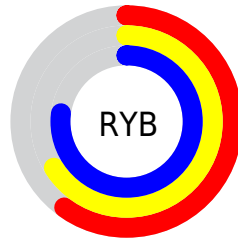
The XYZ color **39.2340, 43.3034, 58.5151** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.4357, 42.0084, 35.5787**, and the grayscale version is **39.9052, 41.9834, 45.7200**.

A 20% lighter version of the original color is **73.4572, 80.3482, 104.5656**, and **17.7274, 19.8411, 28.4866** is the 20% darker color. If you saturate the color by 10%, you get **34.4627, 38.7636, 57.8910**, and if you desaturate by 10%, it is **44.6881, 48.3072, 59.1942**.

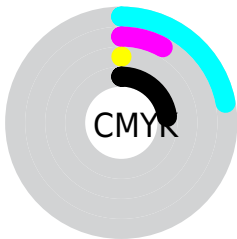
Distribution



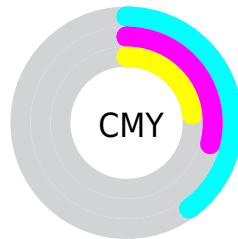
- Red (60%)
- Green (71%)
- Blue (77%)



- Red (60%)
- Yellow (66%)
- Blue (77%)



- Cyan (22%)
- Magenta (8%)
- Yellow (0%)
- Black (23%)



- Cyan (40%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2340, 43.3034, 58.5151 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 39.2340, 43.3034, 58.5151 by changing the saturation by 10% instead.

■ 39.2340, 43.3034,
58.5151

■ 39.2340, 43.3034,
58.5151

334.0744,
359.8580, 436.7543

■ 27.1234, 30.1232,
41.8055

■ 73.2874, 80.1685,
104.1948

■ 17.8030, 19.9322,
28.6246

■ 95.9609, 104.6222,
134.0019

■ 10.9074, 12.3457,
18.5539

122.8861,
133.6026, 169.0119

■ 6.0715, 6.9796,
11.1748

154.4283,
167.4940, 209.6433

■ 2.9297, 3.4493,
6.0689

190.9529,
206.6809, 256.3147

■ 1.1167, 1.3706,
2.8176

232.8252,

■ 0.0390, 0.1949,

251.5476, 309.4447

1.0022

280.4106,
302.4785, 369.4517

■ 0.0000, 0.0000,
0.0000

■ 39.2340, 43.3034,
58.5151

■ 39.2340, 43.3034,
58.5151

■ 34.4627, 38.7636,
57.8910

■ 44.6881, 48.3072,
59.1942

■ 30.3395, 34.6650,
57.3172

■ 50.8498, 53.7861,
59.9270

■ 26.8322, 30.9904,
56.7928

■ 57.7476, 59.7575,
60.7160

■ 23.9043, 27.7193,
56.3157

■ 65.4069, 66.2360,
61.5628

■ 21.5149, 24.8289,
55.8838

■ 73.8522, 73.2357,
62.4687

■ 19.6174, 22.2934,
55.4944

■ 77.5283, 77.8942,
63.1742

■ 18.1560, 20.0821,
55.1446

■ 79.4699, 81.7776,
63.8214

■ 17.2642, 18.5860,
54.9028

■ 81.4927, 85.8231,
64.4957

■ 83.5975, 90.0326,
65.1972

Harmonies

Analogous

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



37.7223, 43.3034, 53.7817



39.2340, 43.3034, 58.5151



41.3085, 43.3034, 60.1299

Triad

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



39.2340, 43.3034, 58.5151



45.4712, 43.3034, 46.7224



38.9833, 43.3034, 37.7294

Complementary

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



39.2340, 43.3034, 58.5151



42.4357, 42.0084, 35.5787

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.



41.0090, 43.3034, 36.1870



39.2340, 43.3034, 58.5151



44.7974, 43.3034, 41.0872

Square

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



39.2340, 43.3034, 58.5151



44.9561, 43.3034, 52.9748



43.1451, 43.3034, 37.3609



37.5812, 43.3034, 41.7687

Rectangle

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



39.2340, 43.3034, 58.5151



42.7456, 43.3034, 59.1161



43.1451, 43.3034, 37.3609



39.6114, 43.3034, 36.9186

Sweetspot

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



39.2353, 43.3052, 58.5161



86.7495, 92.6991, 107.9283



39.7019, 48.9610, 44.1123



18.4215, 19.7112, 23.0837



0.0000, 0.0000, 0.0000



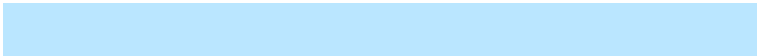
20.3446, 21.4041, 23.3091

Same Dimension

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



39.2353, 43.3052, 58.5161



66.6236, 74.2528, 105.4285



35.2432, 35.3210, 57.1854



10.0506, 10.7926, 12.8383



11.1770, 12.1105, 35.3051



0.5466, 0.6505, 1.5466

Inverse Universe

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



42.2325, 37.4887, 48.1920



73.1087, 62.1523, 82.9815



46.7170, 50.5711, 37.0059



10.3369, 10.1833, 11.8644



17.0376, 8.5048, 13.3760



0.7683, 0.3803, 0.7471

Previews

White Background



This preview shows how the XYZ color 39.2340, 43.3034, 58.5151 looks on a white background.

Color Contrast Check

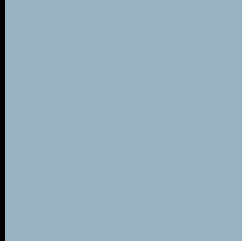
Large Text (above 18pt) WCAG AA × Fail

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 39.2340, 43.3034, 58.5151 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

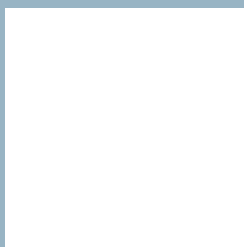
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.2340, 43.3034, 58.5151

Background



This preview shows how black text looks on a background with the XYZ color 39.2340, 43.3034, 58.5151.



This preview shows how white text looks on a background with the XYZ color 39.2340, 43.3034,

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

39.2340, 43.3034, 58.5151

Protanopia

42.1060, 43.0765, 55.9645

Deuteranopia

44.0474, 43.1481, 59.4330



Tritanopia

39.1205, 43.2580, 57.9175

Trichromacy



Original Color

39.2340, 43.3034, 58.5151

Protanomaly

40.8769, 43.0079, 56.5990

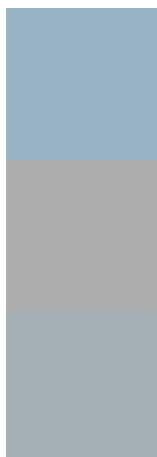
Deuteranomaly

42.0087, 42.9612, 58.9016

Tritanomaly

39.1205, 43.2580, 57.9175

Monochromacy



Original Color

39.2340, 43.3034, 58.5151

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.3829, 42.3862, 49.8217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2340, 43.3034, 58.5151 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(152, 180, 196)` looks like.

```
.text, #text, p{  
    color:rgb(152, 180, 196)  
}
```

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(152, 180, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 180, 196) }
```

Border

The CSS property to change the border of an element to XYZ 39.2340, 43.3034, 58.5151 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(152, 180, 196) }
```


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

```
.border{ border-color:rgb(152, 180, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 180, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 180, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 180, 196);  
box-shadow:4px 4px 4px 4px rgb(152, 180,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2340, 43.3034, 58.5151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 180, 196) }
```

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

```
.background{ background-color: rgb(152,  
180, 196) }
```

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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