

Converting Colors

XYZ(33.7197, 38.5542, 45.2015)

Have a look what the booklet for
XYZ(33.7197, 38.5542, 45.2015)
contains.

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Color

**XYZ(33.8141, 38.7439,
45.2313)**

Conversions

Conversions Part 1

Format	Color
Hex	8FADAD
RGB	143, 173, 173
RGB Percent	56%, 68%, 68%
CMY	0.4392, 0.3216, 0.3216
CMYK	0.17, 0.00, 0.00, 0.32
HSL	180°, 15%, 62%
HSV	180°, 17%, 68%
XYZ	33.8141, 38.7439, 45.2313
YIQ	164.0300, -17.8800, -6.3600

Conversions

Conversions Part 2

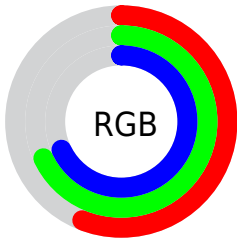
Format	Color
RYB	143, 158, 173
Decimal	9416109
CIELab	68.57, -10.22, -3.43
CIElCh	69, 10.777, 198.545
Yxy	38.7439, 0.2871, 0.3289
Android (android.graphics.Color)	4287606189 (0xFF8FADAD)
YUV	164.0300, 4.4222, -18.4433
Hunter-Lab	62.2446, -11.9587, 0.4869

Details

The XYZ color **33.8141, 38.7439, 45.2313** is a light color, and the websafe version is hex **669999**. A complement of this color would be **32.0154, 30.5134, 30.1906**, and the grayscale version is **35.2875, 37.1252, 40.4293**.

A 20% lighter version of the original color is **64.7730, 72.9586, 84.0673**, and **14.7022, 17.3305, 20.6594** is the 20% darker color. If you saturate the color by 10%, you get **31.0473, 37.3186, 45.1020**, and if you desaturate by 10%, it is **37.0450, 40.4105, 45.3840**.

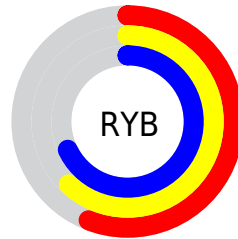
Distribution



Red (56%)

Green (68%)

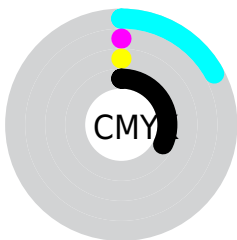
Blue (68%)



Red (56%)

Yellow (62%)

Blue (68%)

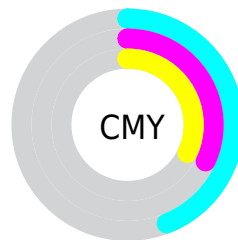


Cyan (17%)

Magenta (0%)

Yellow (0%)

Black (32%)



Cyan (44%)

Magenta (32%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.8141, 38.7439, 45.2313 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 33.8141, 38.7439, 45.2313 by changing the saturation by 10% instead.

■ 33.8141, 38.7439,
45.2313

■ 33.8141, 38.7439,
45.2313

310.9029,
340.8004, 383.8969

■ 22.9130, 26.5606,
31.2954

■ 64.9907, 73.2469,
84.3895

■ 14.6496, 17.2435,
20.5635

■ 85.9969, 96.3354,
110.4489

■ 8.6586, 10.4082,
12.6172

111.1023,
123.8277, 141.3865

■ 4.5745, 5.6705,
7.0379

140.6720,
156.1082, 177.6209

■ 2.0320, 2.6457,
3.4070

175.0716,
193.5613, 219.5706

■ 0.6518, 0.9497,
1.3060

214.6664,

■ 0.0000, 0.0000,

236.5715, 267.6541

0.0667

259.8217,
285.5231, 322.2901

■ 0.0000, 0.0000,
0.0000

■ 33.8141, 38.7439,
45.2313

■ 33.8141, 38.7439,
45.2313

■ 31.0473, 37.3186,
45.1020

■ 37.0450, 40.4105,
45.3840

■ 28.7202, 36.1189,
44.9924

■ 40.7565, 42.3238,
45.5584

■ 26.8111, 35.1348,
44.9023

■ 44.9682, 44.4950,
45.7562

■ 25.2954, 34.3534,
44.8307

■ 49.6978, 46.9332,
45.9782

■ 24.1455, 33.7607,
44.7762

■ 54.9619, 49.6469,
46.2252

■ 23.3307, 33.3406,
44.7374

■ 60.7767, 52.6445,
46.4980

■ 22.8150, 33.0748,
44.7126

■ 63.7281, 54.1661,
46.6368

■ 22.5437, 32.9350,
44.6992

■ 63.7282, 54.1661,
46.6375

■ 22.4861, 32.9053,
44.6964

■ 63.7284, 54.1662,
46.6382

Harmonies

Analogous

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



33.7154, 38.7439, 40.3548



33.8141, 38.7439, 45.2313



34.7045, 38.7439, 49.5923

Triad

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



33.8141, 38.7439, 45.2313



39.3277, 38.7439, 48.6867



37.4774, 38.7439, 33.6652

Complementary

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



33.8141, 38.7439, 45.2313



32.0154, 30.5134, 30.1906

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.



39.0300, 38.7439, 35.5556



33.8141, 38.7439, 45.2313



40.1199, 38.7439, 44.0708

Square

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



33.8141, 38.7439, 45.2313



37.8736, 38.7439, 51.6906



40.0093, 38.7439, 39.2796



35.7958, 38.7439, 33.9235

Rectangle

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



33.8141, 38.7439, 45.2313



35.6430, 38.7439, 51.5048



40.0093, 38.7439, 39.2796



38.0326, 38.7439, 34.0642

Sweetspot

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



33.8152, 38.7455, 45.2322



67.7649, 73.1031, 81.3439



31.3171, 37.7563, 31.6245



14.6328, 15.8385, 17.6734



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



33.8152, 38.7455, 45.2322



58.4661, 68.3095, 80.9067



31.1840, 33.4827, 44.3562



8.2363, 9.0721, 10.2695



16.5187, 24.1727, 32.8347



0.4595, 0.6725, 0.9135

Inverse Universe

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



32.0154, 30.5134, 30.1906



54.6050, 50.6502, 48.6397



34.3346, 35.1523, 30.9628



8.0053, 8.0154, 8.3387



12.6607, 6.5268, 0.5928



0.3522, 0.1816, 0.0165

Previews

White Background



This preview shows how the XYZ color 33.8141, 38.7439, 45.2313 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 33.8141, 38.7439, 45.2313 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

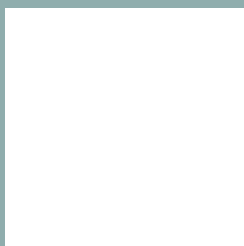
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.8141, 38.7439, 45.2313

Background



This preview shows how black text looks on a background with the XYZ color 33.8141, 38.7439, 45.2313.

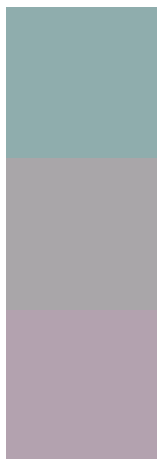


This preview shows how white text looks on a background with the XYZ color 33.8141, 38.7439,

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

33.8141, 38.7439, 45.2313

Protanopia

37.1598, 38.5720, 43.0227

Deuteranopia

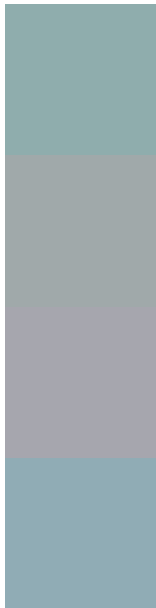
39.2486, 38.5195, 45.9238



Tritanopia

34.9969, 38.6483, 51.5143

Trichromacy



Original Color

33.8141, 38.7439, 45.2313

Protanomaly

35.9409, 38.7518, 43.6158

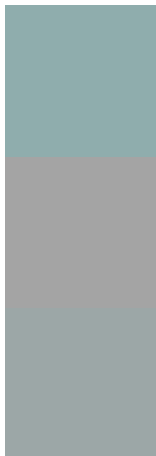
Deuteranomaly

37.0021, 38.4354, 45.5130

Tritanomaly

34.5946, 38.7705, 49.3762

Monochromacy



Original Color

33.8141, 38.7439, 45.2313

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.5041, 37.4954, 41.9780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.8141, 38.7439, 45.2313 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(143, 173, 173)` looks like.

```
.text, #text, p{  
    color:rgb(143, 173, 173)  
}
```

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(143, 173, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 173, 173) }
```

Border

The CSS property to change the border of an element to XYZ 33.8141, 38.7439, 45.2313 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(143, 173, 173) }
```


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

```
.border{ border-color:rgb(143, 173, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 173, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 173, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 173, 173);  
box-shadow:4px 4px 4px 4px rgb(143, 173,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 33.8141, 38.7439, 45.2313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 173, 173) }
```

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

```
.background{ background-color: rgb(143,  
173, 173) }
```

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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