

Converting Colors

XYZ(33.4805, 38.3361, 44.3917)

Have a look what the booklet for
XYZ(33.4805, 38.3361, 44.3917)
contains.

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Color

**XYZ(33.4309, 38.2850,
44.1558)**

Conversions

Conversions Part 1

Format	Color
Hex	8FACAB
RGB	143, 172, 171
RGB Percent	56%, 67%, 67%
CMY	0.4392, 0.3255, 0.3294
CMYK	0.17, 0.00, 0.01, 0.33
HSL	178°, 15%, 62%
HSV	178°, 17%, 67%
XYZ	33.4309, 38.2850, 44.1558
YIQ	163.2150, -16.9630, -6.4590

Conversions

Conversions Part 2

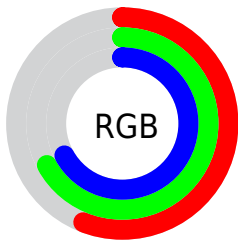
Format	Color
RYB	143, 158, 172
Decimal	9415851
CIELab	68.23, -10.12, -2.81
CIELCh	68, 10.500, 195.541
Yxy	38.2850, 0.2885, 0.3304
Android (android.graphics.Color)	4287605931 (0xFF8FACAB)
YUV	163.2150, 3.8380, -17.7286
Hunter-Lab	61.8749, -11.8378, 1.0013

Details

The XYZ color **33.4309, 38.2850, 44.1558** is a light color, and the websafe version is hex **669999**. A complement of this color would be **31.8711, 30.4302, 30.5811**, and the grayscale version is **34.9034, 36.7211, 39.9893**.

A 20% lighter version of the original color is **64.2225, 72.2995, 82.5218**, and **14.4599, 17.0402, 19.9797** is the 20% darker color. If you saturate the color by 10%, you get **30.6224, 36.8447, 43.7299**, and if you desaturate by 10%, it is **36.6985, 39.9639, 44.6061**.

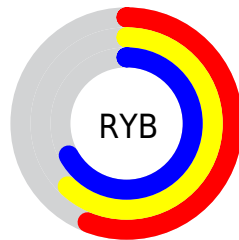
Distribution



Red (56%)

Green (67%)

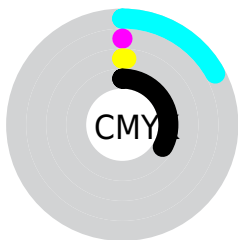
Blue (67%)



Red (56%)

Yellow (62%)

Blue (67%)

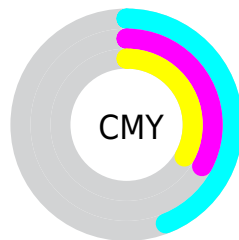


Cyan (17%)

Magenta (0%)

Yellow (1%)

Black (33%)



Cyan (44%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.4309, 38.2850, 44.1558 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 33.4309, 38.2850, 44.1558 by changing the saturation by 10% instead.

■ 33.4309, 38.2850,
44.1558

■ 33.4309, 38.2850,
44.1558

309.2177,
338.8410, 379.4036

■ 22.6176, 26.2040,
30.4549

■ 64.3979, 72.5448,
82.7571

■ 14.4305, 16.9763,
19.9292

■ 85.2822, 95.4923,
108.4946

■ 8.5044, 10.2176,
12.1600

110.2543,
122.8307, 139.0814

■ 4.4739, 5.5435,
6.7289

139.6794,
154.9445, 174.9360

■ 1.9735, 2.5695,
3.2173

173.9230,
192.2180, 216.4770

■ 0.6190, 0.9114,
1.2066

213.3503,

■ 0.0000, 0.0000,

235.0357, 264.1229

0.0000

258.3268,
283.7819, 318.2923

■ 33.4309, 38.2850,
44.1558

■ 33.4309, 38.2850,
44.1558

■ 30.6224, 36.8447,
43.7299

■ 36.6985, 39.9639,
44.6061

■ 28.2488, 35.6276,
43.3250

■ 40.4412, 41.8868,
45.0791

■ 26.2891, 34.6238,
42.9407

■ 44.6784, 44.0645,
45.5767

■ 24.7188, 33.8207,
42.5759

■ 49.4275, 46.5061,
46.0995

■ 23.5111, 33.2045,
42.2295

■ 54.7049, 49.2201,
46.6484

■ 22.6357, 32.7597,
41.8999

■ 60.5264, 52.2144,
47.2241

■ 22.0576, 32.4680,
41.5856

■ 63.7472, 53.8681,
47.6794

■ 21.7262, 32.3035,
41.2841

■ 63.8058, 53.8915,
47.9881

■ 21.6415, 32.2618,
41.1906

■ 63.8647, 53.9151,
48.2981

Harmonies

Analogous

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



33.4163, 38.2850, 39.4687



33.4309, 38.2850, 44.1558



34.2219, 38.2850, 48.4785

Triad

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



33.4309, 38.2850, 44.1558



38.6891, 38.2850, 48.3450



37.1828, 38.2850, 33.5288

Complementary

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



33.4309, 38.2850, 44.1558



31.8711, 30.4302, 30.5811

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.



38.6452, 38.2850, 35.5593



33.4309, 38.2850, 44.1558



39.5324, 38.2850, 43.9845

Square

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



33.4309, 38.2850, 44.1558



37.2413, 38.2850, 51.0183



39.5161, 38.2850, 39.3098



35.5493, 38.2850, 33.5671

Rectangle

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



33.4309, 38.2850, 44.1558



35.0971, 38.2850, 50.4701



39.5161, 38.2850, 39.3098



37.7117, 38.2850, 33.9850

Sweetspot

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



33.4320, 38.2866, 44.1567



67.7123, 73.0821, 81.0671



31.2919, 37.4597, 31.5684



14.6199, 15.8333, 17.6053



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.



33.4320, 38.2866, 44.1567



58.7730, 68.4919, 79.8276



31.1647, 33.5985, 43.8742



8.2242, 9.0672, 10.2056



16.1084, 24.0086, 30.6740



0.4517, 0.6693, 0.8724

Inverse Universe

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



31.8711, 30.4302, 30.5811



55.4369, 51.6995, 50.8117



33.8694, 34.5489, 30.8707



8.0160, 8.0197, 8.3953



12.6891, 6.5382, 0.7426



0.3566, 0.1833, 0.0394

Previews

White Background



This preview shows how the XYZ color 33.4309, 38.2850, 44.1558 looks on a white background.

Color Contrast Check

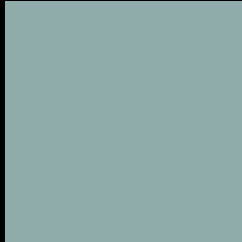
Large Text (above 18pt) WCAG AA × Fail

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 33.4309, 38.2850, 44.1558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

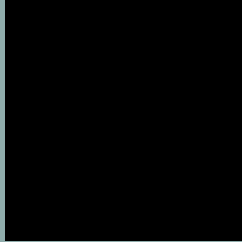
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

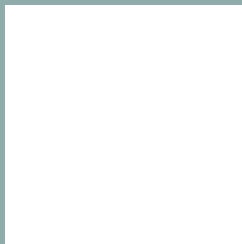
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.4309, 38.2850, 44.1558

Background



This preview shows how black text looks on a background with the XYZ color 33.4309, 38.2850, 44.1558.

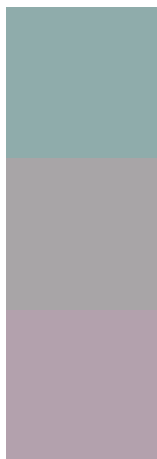


This preview shows how white text looks on a background with the XYZ color 33.4309, 38.2850,

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

33.4309, 38.2850, 44.1558

Protanopia

36.5786, 38.0251, 41.9709

Deuteranopia

38.8781, 38.0906, 44.8383



Tritanopia

34.7035, 38.2299, 50.8974

Trichromacy



Original Color

33.4309, 38.2850, 44.1558

Protanomaly

35.3686, 38.2033, 42.5556

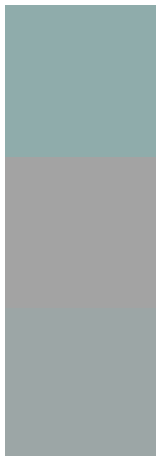
Deuteranomaly

36.6274, 37.9958, 44.4332

Tritanomaly

34.2012, 38.3098, 48.2398

Monochromacy



Original Color

33.4309, 38.2850, 44.1558

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.2295, 37.0935, 41.4321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4309, 38.2850, 44.1558 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, 172, 171)` looks like.

```
.text, #text, p{  
    color:rgb(143, 172, 171)  
}
```

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, 172, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 172, 171) }
```

Border

The CSS property to change the border of an element to XYZ 33.4309, 38.2850, 44.1558 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, 172, 171) }
```


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

```
.border{ border-color:rgb(143, 172, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 172, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 172, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 172, 171);  
box-shadow:4px 4px 4px 4px rgb(143, 172,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4309, 38.2850, 44.1558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 172, 171) }
```

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

```
.background{ background-color: rgb(143,  
172, 171) }
```

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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