

Converting Colors

XYZ(32.9578, 38.4343, 39.2596)

Have a look what the booklet for
XYZ(32.9578, 38.4343, 39.2596)
contains.

XYZ(33.0536, 38.4801, 39.4035)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(33.0536, 38.4801,
39.4035)**

Conversions

Conversions Part 1

Format	Color
Hex	91ADA1
RGB	145, 173, 161
RGB Percent	57%, 68%, 63%
CMY	0.4314, 0.3216, 0.3686
CMYK	0.16, 0.00, 0.07, 0.32
HSL	154°, 15%, 62%
HSV	154°, 16%, 68%
XYZ	33.0536, 38.4801, 39.4035
YIQ	163.2600, -12.8360, -9.6680

Conversions

Conversions Part 2

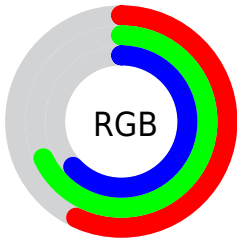
Format	Color
RYB	145, 163, 173
Decimal	9547169
CIELab	68.37, -12.06, 2.95
CIElCh	68, 12.419, 166.275
Yxy	38.4801, 0.2979, 0.3469
Android (android.graphics.Color)	4287737249 (0xFF91ADA1)
YUV	163.2600, -1.1142, -16.0140
Hunter-Lab	62.0323, -13.4438, 5.7611

Details

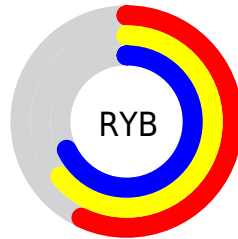
The XYZ color **33.0536, 38.4801, 39.4035** is a light color, and the websafe version is hex **669999**. A complement of this color would be **33.4461, 31.5702, 36.2308**, and the grayscale version is **34.9459, 36.7658, 40.0380**.

A 20% lighter version of the original color is **63.6913, 72.5868, 75.6195**, and **14.2679, 17.1802, 17.3160** is the 20% darker color. If you saturate the color by 10%, you get **29.5997, 36.7740, 35.9294**, and if you desaturate by 10%, it is **37.0127, 40.4443, 43.1053**.

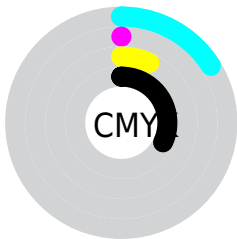
Distribution



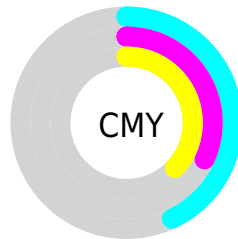
- Red (57%)
- Green (68%)
- Blue (63%)



- Red (57%)
- Yellow (64%)
- Blue (68%)



- Cyan (16%)
- Magenta (0%)
- Yellow (7%)
- Black (32%)





- Cyan (43%)
- Magenta (32%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.0536, 38.4801, 39.4035 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 33.0536, 38.4801, 39.4035 by changing the saturation by 10% instead.


 33.0536, 38.4801,
39.4035


 33.0536, 38.4801,
39.4035


307.5519,
339.6750, 359.0800

 22.3269, 26.3555,
26.7635


 63.8133, 72.8434,
75.4814

 14.2153, 17.0898,
17.1648


 84.5771, 95.8509,
99.7565

 8.3532, 10.2985,
10.1889

109.4173,
123.2549, 128.7470

 4.3755, 5.5973,
5.4171

138.6992,
155.4397, 162.8715

 1.9167, 2.6018,
2.4310

172.7883,
192.7897, 202.5485

 0.5865, 0.9276,
0.8033

212.0499,

 0.0000, 0.0000,

235.6893, 248.1965

0.0000

256.8493,
284.5230, 300.2342

■ 33.0536, 38.4801,
39.4035

■ 33.0536, 38.4801,
39.4035

■ 29.5997, 36.7740,
35.9294

■ 37.0127, 40.4443,
43.1053

■ 26.6262, 35.3100,
32.6760

■ 41.4940, 42.6721,
47.0367

■ 24.1110, 34.0779,
29.6394

■ 46.5177, 45.1749,
51.2026

■ 22.0287, 33.0649,
26.8149

■ 52.1019, 47.9620,
55.6072

■ 20.3517, 32.2565,
24.1974

■ 58.2639, 51.0422,
60.2544

■ 19.0488, 31.6370,
21.7814

■ 65.0202, 54.4239,
65.1480

■ 18.0840, 31.1877,
19.5613

■ 68.1829, 55.9481,
70.0952

■ 17.4093, 30.8842,
17.5307

■ 69.1455, 56.3331,
75.1641

■ 17.1893, 30.7866,
16.8035

■ 70.1517, 56.7356,
80.4625

Harmonies

Analogous

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



33.9326, 38.4801, 34.9101



33.0536, 38.4801, 39.4035



33.0940, 38.4801, 44.9783

Triad

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



33.0536, 38.4801, 39.4035



37.6344, 38.4801, 53.0666



39.2257, 38.4801, 34.6119

Complementary

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



33.0536, 38.4801, 39.4035



33.4461, 31.5702, 36.2308

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.



40.2902, 38.4801, 38.9622



33.0536, 38.4801, 39.4035



39.3494, 38.4801, 49.7618

Square

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



33.0536, 38.4801, 39.4035



35.6924, 38.4801, 53.2115



40.3363, 38.4801, 44.4962



37.4704, 38.4801, 32.3143

Rectangle

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



33.0536, 38.4801, 39.4035



33.6358, 38.4801, 48.5736



40.3363, 38.4801, 44.4962



39.6789, 38.4801, 35.8644

Sweetspot

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



33.0547, 38.4817, 39.4044



67.1202, 72.8453, 77.9493



33.9863, 39.1147, 32.5471



14.4744, 15.7751, 16.8390



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.



33.0547, 38.4817, 39.4044



57.1548, 67.9053, 68.5671



33.8092, 38.2147, 45.1314



8.0890, 9.0132, 9.4937



12.6566, 22.6279, 12.4971



0.3788, 0.6402, 0.4882

Inverse Universe

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



33.4461, 31.5702, 36.2308



57.9741, 53.4425, 61.9271



32.7585, 31.7554, 31.1913



8.1424, 8.0702, 9.0606



13.6000, 6.9025, 5.5388



0.4061, 0.2031, 0.3003

Previews

White Background



This preview shows how the XYZ color 33.0536, 38.4801, 39.4035 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 33.0536, 38.4801, 39.4035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

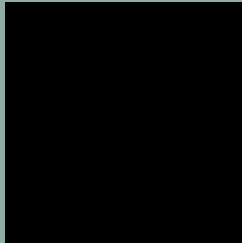
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

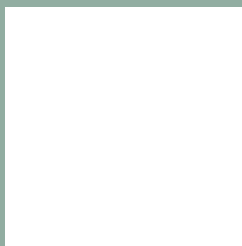
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.0536, 38.4801, 39.4035

Background



This preview shows how black text looks on a background with the XYZ color 33.0536, 38.4801, 39.4035.



This preview shows how white text looks on a background with the XYZ color 33.0536, 38.4801,

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

33.0536, 38.4801, 39.4035

Protanopia

36.7353, 38.4774, 37.3890

Deuteranopia

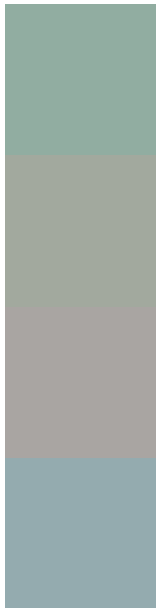
38.8842, 38.2014, 39.9745



Tritanopia

35.3164, 38.5579, 50.3808

Trichromacy



Original Color

33.0536, 38.4801, 39.4035

Protanomaly

35.2598, 38.5259, 37.9256

Deuteranomaly

36.3389, 37.9539, 39.5930

Tritanomaly

34.5135, 38.5169, 46.1729

Monochromacy



Original Color

33.0536, 38.4801, 39.4035

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

34.0506, 37.3140, 39.5901

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0536, 38.4801, 39.4035 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(145, 173, 161)` looks like.

```
.text, #text, p{  
    color:rgb(145, 173, 161)  
}
```

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(145, 173, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 173, 161) }
```

Border

The CSS property to change the border of an element to XYZ 33.0536, 38.4801, 39.4035 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(145, 173, 161) }
```


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

```
.border{ border-color:rgb(145, 173, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 173, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 173, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 173, 161);  
box-shadow:4px 4px 4px 4px rgb(145, 173,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0536, 38.4801, 39.4035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 173, 161) }
```

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

```
.background{ background-color: rgb(145,  
173, 161) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor