

Converting Colors

XYZ(33.9324, 38.8757, 41.2837)

Have a look what the booklet for
XYZ(33.9324, 38.8757, 41.2837)
contains.

XYZ(33.9478, 38.8997, 41.3165)	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(33.9478, 38.8997,
41.3165)**

Conversions

Conversions Part 1

Format	Color
Hex	94ADA5
RGB	148, 173, 165
RGB Percent	58%, 68%, 65%
CMY	0.4196, 0.3216, 0.3529
CMYK	0.14, 0.00, 0.05, 0.32
HSL	161°, 13%, 63%
HSV	161°, 14%, 68%
XYZ	33.9478, 38.8997, 41.3165
YIQ	164.6130, -12.3320, -7.7880

Conversions

Conversions Part 2

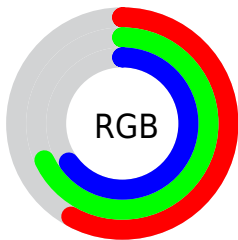
Format	Color
RYB	148, 163, 173
Decimal	9743781
CIELab	68.68, -10.24, 1.20
CIELCh	69, 10.310, 173.297
Yxy	38.8997, 0.2974, 0.3407
Android (android.graphics.Color)	4287933861 (0xFF94ADA5)
YUV	164.6130, 0.1908, -14.5696
Hunter-Lab	62.3696, -11.9893, 4.3823

Details

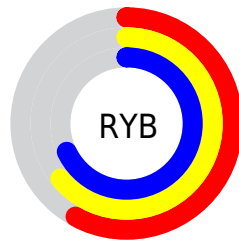
The XYZ color **33.9478, 38.8997, 41.3165** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.8256, 32.4652, 35.9377**, and the grayscale version is **35.5831, 37.4362, 40.7680**.

A 20% lighter version of the original color is **65.0188, 73.2107, 78.4144**, and **14.7478, 17.4084, 18.2056** is the 20% darker color. If you saturate the color by 10%, you get **30.5565, 37.2094, 38.5841**, and if you desaturate by 10%, it is **37.8309, 40.8431, 44.1875**.

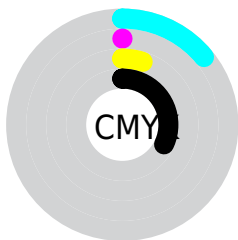
Distribution



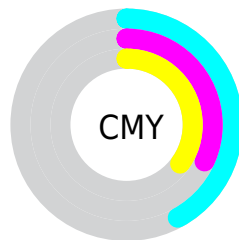
- Red (58%)
- Green (68%)
- Blue (65%)



- Red (58%)
- Yellow (64%)
- Blue (68%)



- Cyan (14%)
- Magenta (0%)
- Yellow (5%)
- Black (32%)



- Cyan (42%)
- Magenta (32%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.9478, 38.8997, 41.3165 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 33.9478, 38.8997, 41.3165 by changing the saturation by 10% instead.

■ 33.9478, 38.8997,
41.3165

■ 33.9478, 38.8997,
41.3165

311.4892,
341.4639, 367.3574

■ 23.0162, 26.6817,
28.2449

■ 65.1973, 73.4851,
78.4230

■ 14.7262, 17.3343,
18.2697

■ 86.2459, 96.6212,
103.2950

■ 8.7125, 10.4731,
10.9724

111.3976,
124.1656, 132.9375

■ 4.6098, 5.7138,
5.9343

141.0177,
156.5025, 167.7692

■ 2.0525, 2.6718,
2.7370

175.4716,
194.0164, 208.2084

■ 0.6632, 0.9629,
0.9620

215.1245,

■ 0.0000, 0.0000,

237.0917, 254.6739

0.0000

260.3420,
286.1127, 307.5840

■ 33.9478, 38.8997,
41.3165

■ 33.9478, 38.8997,
41.3165

■ 30.5565, 37.2094,
38.5841

■ 37.8309, 40.8431,
44.1875

■ 27.6326, 35.7566,
35.9852

■ 42.2222, 43.0448,
47.1968

■ 25.1549, 34.5314,
33.5183

■ 47.1412, 45.5160,
50.3475

■ 23.0989, 33.5210,
31.1807

■ 52.6056, 48.2658,
53.6418

■ 21.4377, 32.7119,
28.9697

■ 58.6322, 51.3027,
57.0818

■ 20.1412, 32.0884,
26.8822

■ 65.2371, 54.6350,
60.6695

■ 19.1751, 31.6329,
24.9152

■ 67.0549, 55.4969,
64.1552

■ 18.4975, 31.3238,
23.0650

■ 67.7301, 55.7670,
67.7106

■ 18.1925, 31.1879,
22.0859

■ 68.4291, 56.0466,
71.3916

Harmonies

Analogous

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



34.5175, 38.8997, 37.2155



33.9478, 38.8997, 41.3165



34.1694, 38.8997, 46.0040

Triad

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



33.9478, 38.8997, 41.3165



38.2260, 38.8997, 51.1425



38.8773, 38.8997, 35.5607

Complementary

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



33.9478, 38.8997, 41.3165



33.8256, 32.4652, 35.9377

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.



39.9259, 38.8997, 38.9045



33.9478, 38.8997, 41.3165



39.5423, 38.8997, 47.9474

Square

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



33.9478, 38.8997, 41.3165



36.6085, 38.8997, 51.9064



40.1728, 38.8997, 43.4111



37.3399, 38.8997, 34.0540

Rectangle

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



33.9478, 38.8997, 41.3165



34.7393, 38.8997, 48.8115



40.1728, 38.8997, 43.4111



39.3005, 38.8997, 36.4948

Sweetspot

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



33.9489, 38.9013, 41.3174



68.0338, 73.2865, 79.3353



34.0650, 39.1282, 33.7744



14.6670, 15.8676, 17.1573



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.



33.9489, 38.9013, 41.3174



58.9819, 68.7603, 72.5765



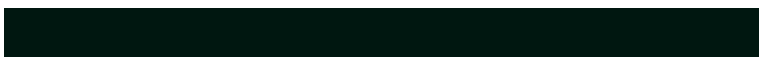
33.9137, 37.6285, 45.0128



8.1256, 9.0278, 9.6864



13.3913, 22.9218, 16.3660



0.3960, 0.6470, 0.5789

Inverse Universe

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



33.8256, 32.4652, 35.9377



58.7231, 55.2339, 61.2720



33.8354, 33.5339, 32.7067



8.1069, 8.0560, 8.8740



13.1973, 6.7415, 3.4187



0.3924, 0.1977, 0.2284

Previews

White Background



This preview shows how the XYZ color 33.9478, 38.8997, 41.3165 looks on a white background.

Color Contrast Check

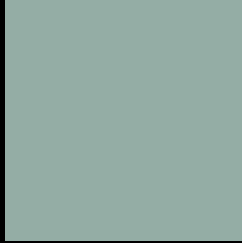
Large Text (above 18pt) WCAG AA × Fail

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 33.9478, 38.8997, 41.3165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

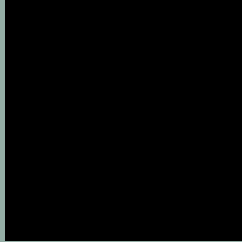
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.9478, 38.8997, 41.3165

Background



This preview shows how black text looks on a background with the XYZ color 33.9478, 38.8997, 41.3165.



This preview shows how white text looks on a background with the XYZ color 33.9478, 38.8997,

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

33.9478, 38.8997, 41.3165

Protanopia

37.0825, 38.6163, 39.2174

Deuteranopia

39.4238, 38.6980, 41.9508



Tritanopia

35.7890, 38.7895, 50.9482

Trichromacy



Original Color

33.9478, 38.8997, 41.3165

Protanomaly

35.8138, 38.7711, 39.7784

Deuteranomaly

37.0967, 38.5717, 41.5663

Tritanomaly

35.0764, 38.7842, 47.2323

Monochromacy



Original Color

33.9478, 38.8997, 41.3165

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.0922, 38.0928, 41.1004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9478, 38.8997, 41.3165 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(148, 173, 165) looks like.

```
.text, #text, p{  
    color:rgb(148, 173, 165)  
}
```

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(148, 173, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 173, 165) }
```

Border

The CSS property to change the border of an element to XYZ 33.9478, 38.8997, 41.3165 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(148, 173, 165) }
```


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

```
.border{ border-color:rgb(148, 173, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 173, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 173, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 173, 165);  
box-shadow:4px 4px 4px 4px rgb(148, 173,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9478, 38.8997, 41.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 173, 165) }
```

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

```
.background{ background-color: rgb(148,  
173, 165) }
```

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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