

Converting Colors

XYZ(34.1087, 38.4638, 43.7939)

Have a look what the booklet for
XYZ(34.1087, 38.4638, 43.7939)
contains.

XYZ(34.0314, 38.3240, 43.6338)	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(34.0314, 38.3240,
43.6338)**

Conversions

Conversions Part 1

Format	Color
Hex	94ABAA
RGB	148, 171, 170
RGB Percent	58%, 67%, 67%
CMY	0.4196, 0.3294, 0.3333
CMYK	0.13, 0.00, 0.01, 0.33
HSL	177°, 12%, 63%
HSV	177°, 13%, 67%
XYZ	34.0314, 38.3240, 43.6338
YIQ	164.0090, -13.3870, -5.1870

Conversions

Conversions Part 2

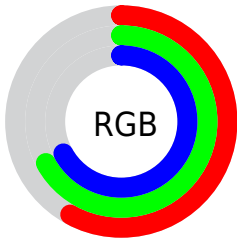
Format	Color
R_{YB}	148, 160, 171
Decimal	9743274
CIE _{Lab}	68.26, -8.14, -2.18
CIE _{LCh}	68, 8.425, 194.984
Yxy	38.3240, 0.2934, 0.3304
Android (android.graphics.Color)	4287933354 (0xFF94ABAA)
YUV	164.0090, 2.9536, -14.0399
Hunter-Lab	61.9064, -10.2105, 1.5448

Details

The XYZ color **34.0314, 38.3240, 43.6338** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.8108, 32.0088, 32.8846**, and the grayscale version is **35.2827, 37.1202, 40.4239**.

A 20% lighter version of the original color is **65.1441, 72.3855, 81.7725**, and **14.7966, 17.0430, 19.6493** is the 20% darker color. If you saturate the color by 10%, you get **31.0939, 36.8188, 43.1301**, and if you desaturate by 10%, it is **37.4285, 40.0681, 44.1627**.

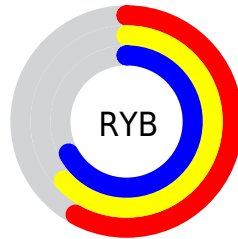
Distribution



Red (58%)

Green (67%)

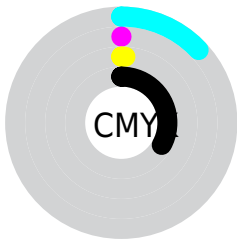
Blue (67%)



Red (58%)

Yellow (63%)

Blue (67%)

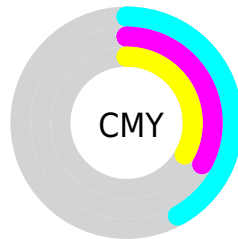


Cyan (13%)

Magenta (0%)

Yellow (1%)

Black (33%)



Cyan (42%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0314, 38.3240, 43.6338 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 34.0314, 38.3240, 43.6338 by changing the saturation by 10% instead.

■ 34.0314, 38.3240,
43.6338

■ 34.0314, 38.3240,
43.6338

311.8555,
339.0078, 377.2093

■ 23.0807, 26.2343,
30.0476

■ 65.3265, 72.6045,
81.9630

■ 14.7741, 16.9990,
19.6224

■ 86.4016, 95.5640,
107.5431

■ 8.7463, 10.2338,
11.9395

111.5822,
122.9155, 137.9583

■ 4.6319, 5.5542,
6.5805

141.2337,
155.0435, 173.6272

■ 2.0654, 2.5760,
3.1267

175.7214,
192.3324, 214.9681

■ 0.6703, 0.9146,
1.1597

215.4107,

■ 0.0000, 0.0000,

235.1664, 262.3998

0.0000

260.6669,
283.9301, 316.3407

■ 34.0314, 38.3240,
43.6338

■ 34.0314, 38.3240,
43.6338

■ 31.0939, 36.8188,
43.1301

■ 37.4285, 40.0681,
44.1627

■ 28.5928, 35.5375,
42.6481

■ 41.3006, 42.0560,
44.7151

■ 26.5076, 34.4706,
42.1876

■ 45.6665, 44.2985,
45.2928

■ 24.8151, 33.6061,
41.7476

■ 50.5430, 46.8041,
45.8964

■ 23.4899, 32.9308,
41.3269

■ 55.9460, 49.5811,
46.5267

■ 22.5033, 32.4301,
40.9241

■ 61.8910, 52.6374,
47.1846

■ 21.8226, 32.0871,
40.5376

■ 63.5629, 53.4909,
47.6445

■ 21.4086, 31.8814,
40.1657

■ 63.6364, 53.5203,
48.0318

■ 21.2239, 31.7913,
39.9274

■ 63.7104, 53.5499,
48.4212

Harmonies

Analogous

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



34.0317, 38.3240, 39.8754



34.0314, 38.3240, 43.6338



34.6620, 38.3240, 47.0740

Triad

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



34.0314, 38.3240, 43.6338



38.2474, 38.3240, 47.0771



37.0866, 38.3240, 35.1014

Complementary

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



34.0314, 38.3240, 43.6338



32.8108, 32.0088, 32.8846

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.



38.2485, 38.3240, 36.8035



34.0314, 38.3240, 43.6338



38.9296, 38.3240, 43.6377

Square

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



34.0314, 38.3240, 43.6338



37.0852, 38.3240, 49.1420



38.9300, 38.3240, 39.8791



35.7743, 38.3240, 35.1005

Rectangle

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



34.0314, 38.3240, 43.6338



35.3643, 38.3240, 48.6594



38.9300, 38.3240, 39.8791



37.5084, 38.3240, 35.4888

Sweetspot

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



34.0325, 38.3256, 43.6347



66.6280, 71.5506, 79.0296



32.3312, 37.6692, 33.5846



14.7526, 15.9018, 17.6081



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.



34.0325, 38.3256, 43.6347



59.3757, 67.8298, 77.8837



32.2484, 34.6051, 43.5097



8.2210, 9.0660, 10.1889



16.0042, 23.9669, 30.1252



0.4497, 0.6685, 0.8619

Inverse Universe

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



32.8108, 32.0088, 32.8846



56.7783, 54.3996, 55.0287



34.4279, 35.3707, 33.0305



8.0189, 8.0208, 8.4102



12.6966, 6.5412, 0.7817



0.3577, 0.1838, 0.0453

Previews

White Background



This preview shows how the XYZ color 34.0314, 38.3240, 43.6338 looks on a white background.

Color Contrast Check

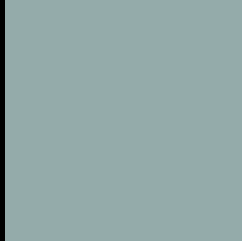
Large Text (above 18pt) WCAG AA × Fail

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 34.0314, 38.3240, 43.6338 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

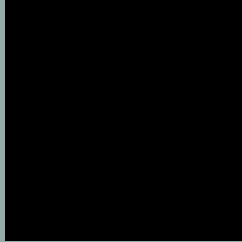
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.0314, 38.3240, 43.6338

Background



This preview shows how black text looks on a background with the XYZ color 34.0314, 38.3240, 43.6338.



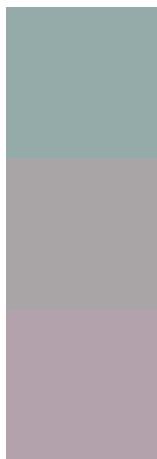
This preview shows how white text looks on a background with the XYZ color 34.0314, 38.3240,

43.6338.

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

34.0314, 38.3240, 43.6338

Protanopia

36.7924, 38.1353, 41.9809

Deuteranopia

38.7817, 38.0520, 44.3305



Tritanopia

35.3129, 38.2789, 50.3271

Trichromacy



Original Color

34.0314, 38.3240, 43.6338

Protanomaly

35.5845, 38.0417, 42.5131

Deuteranomaly

36.9543, 38.1754, 43.9490

Tritanomaly

34.8050, 38.3534, 47.6880

Monochromacy



Original Color

34.0314, 38.3240, 43.6338

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.8022, 37.6597, 41.5112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0314, 38.3240, 43.6338 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, 171, 170)` looks like.

```
.text, #text, p{  
    color:rgb(148, 171, 170)  
}
```

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, 171, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 171, 170) }
```

Border

The CSS property to change the border of an element to XYZ 34.0314, 38.3240, 43.6338 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, 171, 170) }
```


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

```
.border{ border-color:rgb(148, 171, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 171, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 171, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 171, 170);  
box-shadow:4px 4px 4px 4px rgb(148, 171,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0314, 38.3240, 43.6338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 171, 170) }
```

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

```
.background{ background-color: rgb(148,  
171, 170) }
```

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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