

Converting Colors

XYZ(33.5015, 38.7211, 38.9659)

Have a look what the booklet for
XYZ(33.5015, 38.7211, 38.9659)
contains.

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Color

**XYZ(33.5015, 38.7211,
38.9659)**

Conversions

Conversions Part 1

Format	Color
Hex	94ADA0
RGB	148, 173, 160
RGB Percent	58%, 68%, 63%
CMY	0.4196, 0.3216, 0.3725
CMYK	0.14, 0.00, 0.08, 0.32
HSL	149°, 13%, 63%
HSV	149°, 14%, 68%
XYZ	33.5015, 38.7211, 38.9659
YIQ	164.0430, -10.7270, -9.3430

Conversions

Conversions Part 2

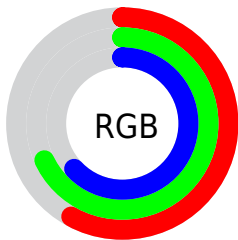
Format	Color
RYB	148, 165, 173
Decimal	9743776
CIELab	68.55, -11.24, 3.78
CIELCh	69, 11.860, 161.418
Yxy	38.7211, 0.3013, 0.3482
Android (android.graphics.Color)	4287933856 (0xFF94ADA0)
YUV	164.0430, -1.9932, -14.0697
Hunter-Lab	62.2263, -12.7948, 6.4312

Details

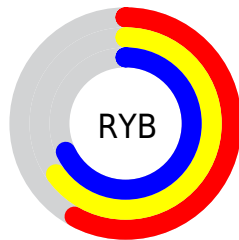
The XYZ color **33.5015, 38.7211, 38.9659** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.2579, 32.6383, 38.2143**, and the grayscale version is **35.3208, 37.1602, 40.4675**.

A 20% lighter version of the original color is **64.3663, 72.9497, 74.9782**, and **14.5275, 17.3203, 17.0455** is the 20% darker color. If you saturate the color by 10%, you get **29.8444, 36.9245, 34.8341**, and if you desaturate by 10%, it is **37.6855, 40.7848, 43.4213**.

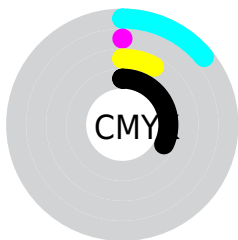
Distribution



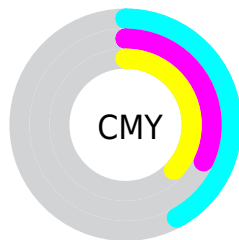
- Red (58%)
- Green (68%)
- Blue (63%)



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



- Cyan (14%)
- Magenta (0%)
- Yellow (8%)
- Black (32%)



- Cyan (42%)
- Magenta (32%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.5015, 38.7211, 38.9659 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 33.5015, 38.7211, 38.9659 by changing the saturation by 10% instead.

■ 33.5015, 38.7211,
38.9659

■ 33.5015, 38.7211,
38.9659

309.5287,
340.7033, 357.1671

■ 22.6720, 26.5428,
26.4256

■ 64.5072, 73.2121,
74.8060

■ 14.4708, 17.2302,
16.9137

■ 85.4140, 96.2935,
98.9428

■ 8.5328, 10.3987,
10.0117

110.4107,
123.7782, 127.7823

■ 4.4923, 5.6641,
5.3010

139.8625,
156.0505, 161.7428

■ 1.9843, 2.6419,
2.3631

174.1349,
193.4947, 201.2430

■ 0.6251, 0.9478,
0.7663

213.5931,

■ 0.0000, 0.0000,

236.4953, 246.7015

0.0000

258.6026,
285.4367, 298.5367

■ 33.5015, 38.7211,
38.9659

■ 33.5015, 38.7211,
38.9659

■ 29.8444, 36.9245,
34.8341

■ 37.6855, 40.7848,
43.4213

■ 26.6890, 35.3791,
31.0162

■ 42.4137, 43.1213,
48.2049

■ 24.0131, 34.0746,
27.5054

■ 47.7066, 45.7421,
53.3242

■ 21.7910, 32.9978,
24.2938

■ 53.5826, 48.6565,
58.7859

■ 19.9951, 32.1348,
21.3732

■ 60.0593, 51.8735,
64.5963

■ 18.5941, 31.4695,
18.7350

■ 67.1537, 55.4016,
70.7617

■ 17.5523, 30.9837,
16.3699

■ 69.5010, 56.4753,
77.0363

■ 16.8269, 30.6555,
14.2681

■ 70.7467, 56.9735,
83.5958

■ 16.5069, 30.5136,
13.2100

■ 72.0578, 57.4980,
90.5000

Harmonies

Analogous

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



34.4771, 38.7211, 34.9053



33.5015, 38.7211, 38.9659



33.3925, 38.7211, 44.2308

Triad

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



33.5015, 38.7211, 38.9659



37.5191, 38.7211, 53.0729



39.5640, 38.7211, 35.7131

Complementary

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



33.5015, 38.7211, 38.9659



34.2579, 32.6383, 38.2143

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.



40.4387, 38.7211, 40.1562



33.5015, 38.7211, 38.9659



39.2317, 38.7211, 50.3577

Square

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



33.5015, 38.7211, 38.9659



35.6701, 38.7211, 52.6859



40.3151, 38.7211, 45.5255



37.9601, 38.7211, 33.1398

Rectangle

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



33.5015, 38.7211, 38.9659



33.8214, 38.7211, 47.7554



40.3151, 38.7211, 45.5255



39.9554, 38.7211, 37.0209

Sweetspot

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



33.5026, 38.7227, 38.9668



67.7951, 73.1910, 78.0783



35.0555, 39.6388, 33.8210



14.6060, 15.8432, 16.8361



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.



33.5026, 38.7227, 38.9668



58.0408, 68.3839, 67.6205



34.6201, 39.1697, 44.8514



8.0586, 9.0010, 9.3335



12.1548, 22.4272, 9.8548



0.3659, 0.6350, 0.4203

Inverse Universe

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



34.2579, 32.6383, 38.2143



59.6283, 55.5960, 66.0388



33.2362, 32.2296, 32.8339



8.1726, 8.0823, 9.2199



14.0445, 7.0803, 7.8797



0.4182, 0.2080, 0.3639

Previews

White Background



This preview shows how the XYZ color 33.5015, 38.7211, 38.9659 looks on a white background.

Color Contrast Check

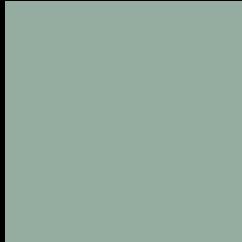
Large Text (above 18pt) WCAG AA × Fail

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 33.5015, 38.7211, 38.9659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

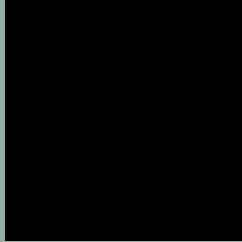
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.5015, 38.7211, 38.9659

Background



This preview shows how black text looks on a background with the XYZ color 33.5015, 38.7211, 38.9659.

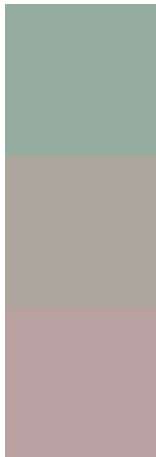


This preview shows how white text looks on a background with the XYZ color 33.5015, 38.7211,

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

33.5015, 38.7211, 38.9659

Protanopia

36.6502, 38.4434, 36.9411

Deuteranopia

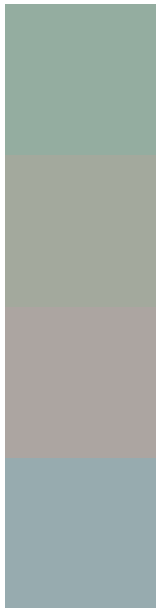
39.2740, 38.4127, 39.5268



Tritanopia

35.8709, 38.8437, 50.4067

Trichromacy



Original Color

33.5015, 38.7211, 38.9659

Protanomaly

35.3780, 38.5968, 37.4836

Deuteranomaly

36.9014, 38.2541, 39.1571

Tritanomaly

35.0633, 38.8003, 46.1986

Monochromacy



Original Color

33.5015, 38.7211, 38.9659

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.5301, 37.5509, 40.0784

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5015, 38.7211, 38.9659 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, 160) looks like.

```
.text, #text, p{  
    color:rgb(148, 173, 160)  
}
```

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, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 173, 160) }
```

Border

The CSS property to change the border of an element to XYZ 33.5015, 38.7211, 38.9659 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, 160) }
```


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

```
.border{ border-color:rgb(148, 173, 160) }
```

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, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 173, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 173, 160);  
box-shadow:4px 4px 4px 4px rgb(148, 173,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5015, 38.7211, 38.9659 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, 160) }
```

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

```
.background{ background-color: rgb(148,  
173, 160) }
```

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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