

Converting Colors

XYZ(34.3829, 38.6616, 36.6606)

Have a look what the booklet for
XYZ(34.3829, 38.6616, 36.6606)
contains.

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Color

**XYZ(34.3839, 38.6605,
36.6603)**

Conversions

Conversions Part 1

Format	Color
Hex	9DAB9B
RGB	157, 171, 155
RGB Percent	62%, 67%, 61%
CMY	0.3843, 0.3294, 0.3922
CMYK	0.08, 0.00, 0.09, 0.33
HSL	113°, 9%, 64%
HSV	113°, 9%, 67%
XYZ	34.3839, 38.6605, 36.6603
YIQ	164.9900, -3.2080, -7.9440

Conversions

Conversions Part 2

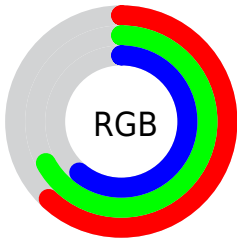
Format	Color
RYB	155, 171, 169
Decimal	10333083
CIELab	68.50, -7.98, 6.56
CIELCh	69, 10.329, 140.564
Yxy	38.6605, 0.3134, 0.3524
Android (android.graphics.Color)	4288523163 (0xFF9DAB9B)
YUV	164.9900, -4.9251, -7.0072
Hunter-Lab	62.1776, -10.1011, 8.5665

Details

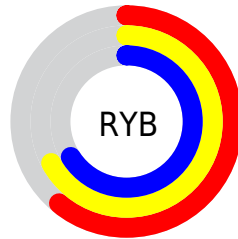
The XYZ color **34.3839, 38.6605, 36.6603** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.4358, 34.8191, 43.3832**, and the grayscale version is **35.7842, 37.6478, 40.9985**.

A 20% lighter version of the original color is **65.8564, 72.9932, 70.9397**, and **15.0394, 17.2573, 15.6350** is the 20% darker color. If you saturate the color by 10%, you get **30.3056, 36.7135, 29.4963**, and if you desaturate by 10%, it is **39.0253, 40.8765, 44.9140**.

Distribution



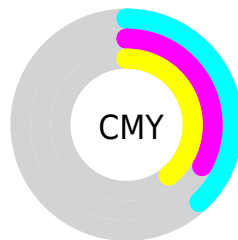
- Red (62%)
- Green (67%)
- Blue (61%)



- Red (61%)
- Yellow (67%)
- Blue (66%)



- Cyan (8%)
- Magenta (0%)
- Yellow (9%)
- Black (33%)



- Cyan (38%)
- Magenta (33%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3839, 38.6605, 36.6603 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 34.3839, 38.6605, 36.6603 by changing the saturation by 10% instead.

■ 34.3839, 38.6605,
36.6603

■ 34.3839, 38.6605,
36.6603

313.3963,
340.4449, 346.9618

■ 23.3530, 26.4957,
24.6509

■ 65.8706, 73.1194,
71.2305

■ 14.9765, 17.1949,
15.6005

■ 87.0570, 96.1823,
94.6283

■ 8.8891, 10.3735,
9.0906

112.3593,
123.6467, 122.6594

■ 4.7254, 5.6473,
4.7027

142.1428,
155.8970, 155.7422

■ 2.1202, 2.6318,
2.0182

176.7729,
193.3175, 194.2953

■ 0.7001, 0.9427,
0.5665

216.6150,

■ 0.0000, 0.0000,

236.2928, 238.7372

0.0000

262.0343,
285.2071, 289.4865

■ 34.3839, 38.6605,
36.6603

■ 34.3839, 38.6605,
36.6603

■ 30.3056, 36.7135,
29.4963

■ 39.0253, 40.8765,
44.9140

■ 26.7660, 35.0206,
23.3740

■ 44.2469, 43.3660,
54.2976

■ 23.7432, 33.5727,
18.2457

■ 50.0690, 46.1398,
64.8523

■ 21.2130, 32.3584,
14.0590

■ 56.5098, 49.2065,
76.6166

■ 19.1490, 31.3653,
10.7567

■ 63.5869, 52.5742,
89.6271

■ 17.5223, 30.5799,
8.2751

■ 70.8951, 56.0822,
101.6961

■ 16.3008, 29.9873,
6.5424

■ 73.8537, 57.6074,
101.8346

■ 15.4479, 29.5704,
5.4743

■ 14.9078, 29.3041,
4.9021

Harmonies

Analogous

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



35.6586, 38.6605, 34.2569



34.3839, 38.6605, 36.6603



33.7475, 38.6605, 40.6440

Triad

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



34.3839, 38.6605, 36.6603



36.2356, 38.6605, 51.5579



39.7507, 38.6605, 39.0278

Complementary

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



34.3839, 38.6605, 36.6603



35.4358, 34.8191, 43.3832

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.



39.9163, 38.6605, 43.5795



34.3839, 38.6605, 36.6603



37.8546, 38.6605, 51.0452

Square

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



34.3839, 38.6605, 36.6603



34.7956, 38.6605, 49.3944



39.2131, 38.6605, 48.0413



38.7672, 38.6605, 35.5522

Rectangle

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



34.3839, 38.6605, 36.6603



33.7576, 38.6605, 43.7574



39.2131, 38.6605, 48.0413



39.9050, 38.6605, 40.4747

Sweetspot

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



34.3850, 38.6622, 36.6611



66.6988, 71.6821, 74.7417



36.8759, 39.3527, 36.6632



14.7253, 15.9144, 16.4028



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.



34.3850, 38.6622, 36.6611



60.1628, 68.5623, 63.1549



34.5030, 38.6647, 39.3022



7.9941, 8.9855, 8.5264



11.2429, 22.0930, 3.6718



0.3413, 0.6293, 0.1035

Inverse Universe

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



35.4358, 34.8191, 43.3832



62.3860, 60.4307, 77.3781



35.3210, 34.8231, 40.5223



8.2371, 8.0966, 10.0813



15.0026, 7.0940, 29.6231



0.4443, 0.2113, 0.8253

Previews

White Background



This preview shows how the XYZ color 34.3839, 38.6605, 36.6603 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 34.3839, 38.6605, 36.6603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

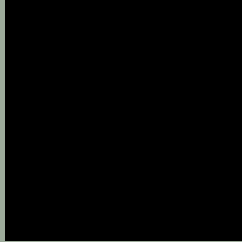
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

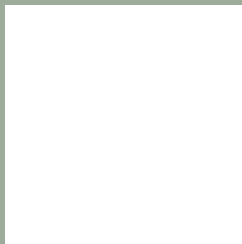
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.3839, 38.6605, 36.6603

Background



This preview shows how black text looks on a background with the XYZ color 34.3839, 38.6605, 36.6603.



This preview shows how white text looks on a background with the XYZ color 34.3839, 38.6605,

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

34.3839, 38.6605, 36.6603

Protanopia

36.5373, 38.4237, 35.1966

Deuteranopia

39.3242, 38.4889, 37.2548



Tritanopia

36.8571, 38.5507, 49.2145

Trichromacy



Original Color

34.3839, 38.6605, 36.6603

Protanomaly

35.6888, 38.5207, 35.6912

Deuteranomaly

37.3604, 38.5407, 36.9225

Tritanomaly

35.9462, 38.4574, 44.5582

Monochromacy



Original Color

34.3839, 38.6605, 36.6603

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.1520, 37.8920, 39.1794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3839, 38.6605, 36.6603 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(157, 171, 155)` looks like.

```
.text, #text, p{  
    color:rgb(157, 171, 155)  
}
```

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(157, 171, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 171, 155) }
```

Border

The CSS property to change the border of an element to XYZ 34.3839, 38.6605, 36.6603 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(157, 171, 155) }
```


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

```
.border{ border-color:rgb(157, 171, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 171, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 171, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 171, 155);  
box-shadow:4px 4px 4px 4px rgb(157, 171,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3839, 38.6605, 36.6603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 171, 155) }
```

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

```
.background{ background-color: rgb(157,  
171, 155) }
```

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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