

Converting Colors

XYZ(34.9284, 37.9720, 40.2300)

Have a look what the booklet for
XYZ(34.9284, 37.9720, 40.2300)
contains.

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Color

**XYZ(34.9116, 38.0205,
40.1490)**

Conversions

Conversions Part 1

Format	Color
Hex	9FA8A3
RGB	159, 168, 163
RGB Percent	62%, 66%, 64%
CMY	0.3765, 0.3412, 0.3608
CMYK	0.05, 0.00, 0.03, 0.34
HSL	147°, 5%, 64%
HSV	147°, 5%, 66%
XYZ	34.9116, 38.0205, 40.1490
YIQ	164.7390, -3.7590, -3.4630

Conversions

Conversions Part 2

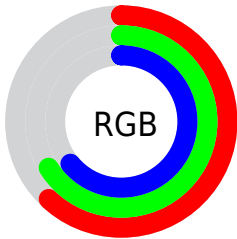
Format	Color
RYB	159, 165, 168
Decimal	10463395
CIELab	68.04, -4.14, 1.47
CIELCh	68, 4.396, 160.440
Yxy	38.0205, 0.3087, 0.3362
Android (android.graphics.Color)	4288653475 (0xFF9FA8A3)
YUV	164.7390, -0.8573, -5.0331
Hunter-Lab	61.6608, -6.8417, 4.5572

Details

The XYZ color **34.9116, 38.0205, 40.1490** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.2488, 35.8025, 40.1766**, and the grayscale version is **35.6453, 37.5016, 40.8393**.

A 20% lighter version of the original color is **66.7741, 72.1334, 76.7334**, and **15.2990, 16.8266, 17.4804** is the 20% darker color. If you saturate the color by 10%, you get **30.9981, 36.0972, 35.7596**, and if you desaturate by 10%, it is **39.3419, 40.2052, 44.8865**.

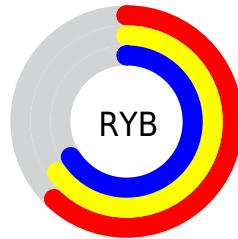
Distribution



Red (62%)

Green (66%)

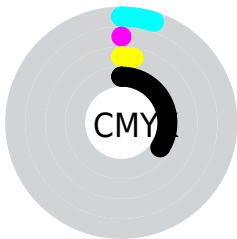
Blue (64%)



Red (62%)

Yellow (65%)

Blue (66%)

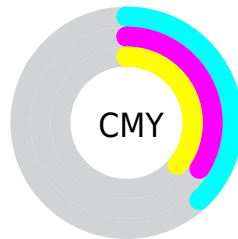


Cyan (5%)

Magenta (0%)

Yellow (3%)

Black (34%)



Cyan (38%)

Magenta (34%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9116, 38.0205, 40.1490 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 34.9116, 38.0205, 40.1490 by changing the saturation by 10% instead.

■ 34.9116, 38.0205,
40.1490

■ 34.9116, 38.0205,
40.1490

315.6928,
337.7079, 362.3219

■ 23.7610, 25.9986,
27.3401

■ 66.6837, 72.1396,
76.6299

■ 15.2802, 16.8226,
17.5941

■ 88.0359, 95.0055,
101.1390

■ 9.1039, 10.1081,
10.4925

113.5194,
122.2549, 130.3852

■ 4.8666, 5.4707,
5.6169

143.4995,
154.2722, 164.7870

■ 2.2032, 2.5260,
2.5486

178.3415,
191.4418, 204.7631

■ 0.7444, 0.8896,
0.8657

218.4108,

■ 0.0000, 0.0000,

234.1480, 250.7319

0.0000

264.0728,
282.7752, 303.1120

■ 34.9116, 38.0205,
40.1490

■ 34.9116, 38.0205,
40.1490

■ 30.9981, 36.0972,
35.7596

■ 39.3419, 40.2052,
44.8865

■ 27.5787, 34.4206,
31.7081

■ 44.3041, 42.6558,
49.9773

■ 24.6337, 32.9817,
27.9871

■ 49.8168, 45.3827,
55.4294

■ 22.1409, 31.7692,
24.5882

■ 55.8967, 48.3945,
61.2500

■ 20.0761, 30.7710,
21.5026

■ 62.5597, 51.6992,
67.4460

■ 18.4130, 29.9734,
18.7211

■ 68.0317, 54.3820,
73.9403

■ 17.1219, 29.3616,
16.2338

■ 69.2959, 54.8877,
80.5975

■ 16.1689, 28.9181,
14.0305

■ 70.6301, 55.4214,
87.6237

■ 15.5114, 28.6212,
12.0999

■ 72.0355, 55.9835,
95.0243

Harmonies

Analogous

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



35.2906, 38.0205, 38.5955



34.9116, 38.0205, 40.1490



34.8587, 38.0205, 42.0845

Triad

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



34.9116, 38.0205, 40.1490



36.3763, 38.0205, 45.2155



37.1481, 38.0205, 39.0013

Complementary

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



34.9116, 38.0205, 40.1490



35.2488, 35.8025, 40.1766

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.



37.4469, 38.0205, 40.7188



34.9116, 38.0205, 40.1490



36.9976, 38.0205, 44.3327

Square

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



34.9116, 38.0205, 40.1490



35.6986, 38.0205, 45.0513



37.3914, 38.0205, 42.6724



36.5797, 38.0205, 37.9475

Rectangle

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



34.9116, 38.0205, 40.1490



35.0147, 38.0205, 43.3365



37.3914, 38.0205, 42.6724



37.2837, 38.0205, 39.5179

Sweetspot

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



34.9127, 38.0221, 40.1498



65.9155, 70.2564, 75.6388



35.5925, 38.4134, 38.3402



14.3865, 15.3226, 16.5073



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.9127, 38.0221, 40.1498



62.7851, 68.7147, 72.2337



35.3141, 38.1827, 42.2639



7.8258, 8.5869, 9.0053



11.5492, 21.5384, 8.6586



0.3069, 0.5344, 0.3473

Inverse Universe

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



35.2488, 35.8025, 40.1766



63.4772, 64.1448, 72.2888



34.8580, 35.6462, 38.1185



7.9177, 7.9796, 9.0127



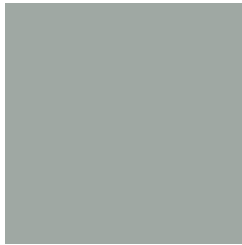
13.7248, 6.8986, 8.6282



0.3591, 0.1779, 0.3423

Previews

White Background



This preview shows how the XYZ color 34.9116, 38.0205, 40.1490 looks on a white background.

Color Contrast Check

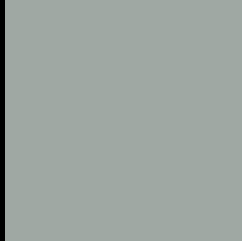
Large Text (above 18pt) WCAG AA × Fail

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 34.9116, 38.0205, 40.1490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

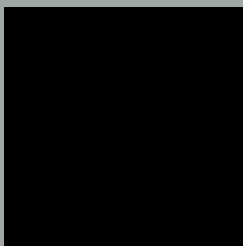
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

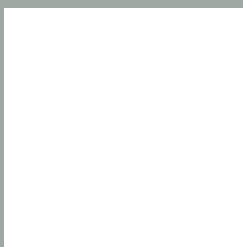
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.9116, 38.0205, 40.1490

Background



This preview shows how black text looks on a background with the XYZ color 34.9116, 38.0205, 40.1490.



This preview shows how white text looks on a background with the XYZ color 34.9116, 38.0205,

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

34.9116, 38.0205, 40.1490

Protanopia

36.4657, 38.0295, 39.1367

Deuteranopia

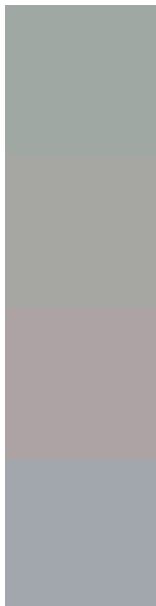
38.6537, 37.8033, 40.8568



Tritanopia

36.6732, 38.2085, 48.0899

Trichromacy



Original Color

34.9116, 38.0205, 40.1490

Protanomaly

35.8837, 37.9881, 39.6236

Deuteranomaly

37.2536, 37.8734, 40.4688

Tritanomaly

36.0595, 38.2316, 45.0141

Monochromacy



Original Color

34.9116, 38.0205, 40.1490

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.4413, 37.7393, 40.5384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9116, 38.0205, 40.1490 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(159, 168, 163)` looks like.

```
.text, #text, p{  
    color:rgb(159, 168, 163)  
}
```

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(159, 168, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 168, 163) }
```

Border

The CSS property to change the border of an element to XYZ 34.9116, 38.0205, 40.1490 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(159, 168, 163) }
```


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

```
.border{ border-color:rgb(159, 168, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 168, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 168, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 168, 163);  
box-shadow:4px 4px 4px 4px rgb(159, 168,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9116, 38.0205, 40.1490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 168, 163) }
```

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

```
.background{ background-color: rgb(159,  
168, 163) }
```

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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