

Converting Colors

XYZ(34.5230, 39.2306, 34.7651)

Have a look what the booklet for
XYZ(34.5230, 39.2306, 34.7651)
contains.

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Color

**XYZ(34.5491, 39.3582,
34.6301)**

Conversions

Conversions Part 1

Format	Color
Hex	9EAD96
RGB	158, 173, 150
RGB Percent	62%, 68%, 59%
CMY	0.3804, 0.3216, 0.4118
CMYK	0.09, 0.00, 0.13, 0.32
HSL	99°, 12%, 63%
HSV	99°, 13%, 68%
XYZ	34.5491, 39.3582, 34.6301
YIQ	165.8930, -1.5570, -10.3330

Conversions

Conversions Part 2

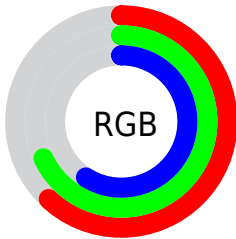
Format	Color
RYB	150, 173, 165
Decimal	10399126
CIELab	69.01, -9.59, 10.05
CIELCh	69, 13.888, 133.647
Yxy	39.3582, 0.3183, 0.3626
Android (android.graphics.Color)	4288589206 (0xFF9EAD96)
YUV	165.8930, -7.8352, -6.9222
Hunter-Lab	62.7361, -11.4873, 11.1874

Details

The XYZ color **34.5491, 39.3582, 34.6301** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.9678, 32.8302, 44.0838**, and the grayscale version is **36.2319, 38.1187, 41.5113**.

A 20% lighter version of the original color is **66.0831, 73.9926, 67.9258**, and **15.1529, 17.7014, 14.4224** is the 20% darker color. If you saturate the color by 10%, you get **31.1392, 37.7508, 27.7275**, and if you desaturate by 10%, it is **38.3707, 41.1564, 42.6273**.

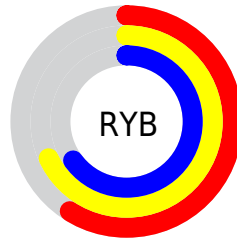
Distribution



Red (62%)

Green (68%)

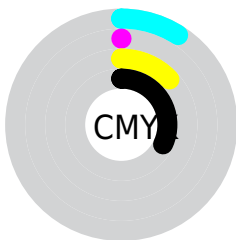
Blue (59%)



Red (59%)

Yellow (68%)

Blue (65%)

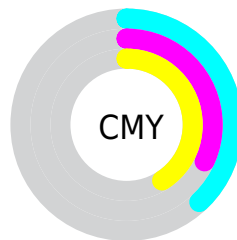


Cyan (9%)

Magenta (0%)

Yellow (13%)

Black (32%)



Cyan (38%)

Magenta (32%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5491, 39.3582, 34.6301 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 34.5491, 39.3582, 34.6301 by changing the saturation by 10% instead.

■ 34.5491, 39.3582,
34.6301

■ 34.5491, 39.3582,
34.6301

314.1166,
343.4110, 337.7871

■ 23.4806, 27.0385,
23.0968

■ 66.1253, 74.1852,
68.0574

■ 15.0714, 17.6021,
14.4590

■ 87.3637, 97.4613,
90.7885

■ 8.9562, 10.6647,
8.2982

112.7229,
125.1583, 118.0892

■ 4.7695, 5.8419,
4.1959

142.5681,
157.6606, 150.3782

■ 2.1460, 2.7492,
1.7334

177.2647,
195.3527, 188.0739

■ 0.7141, 1.0022,
0.3835

217.1781,

■ 0.0000, 0.0000,

238.6188, 231.5950

0.0000

262.6736,
287.8435, 281.3599

■ 34.5491, 39.3582,
34.6301

■ 34.5491, 39.3582,
34.6301

■ 31.1392, 37.7508,
27.7275

■ 38.3707, 41.1564,
42.6273

■ 28.1234, 36.3226,
21.8695

■ 42.6144, 43.1464,
51.7611

■ 25.4874, 35.0686,
17.0057


■ 47.2944, 45.3356,
62.0746


■ 23.2147, 33.9815,
13.0808


■ 52.4231, 47.7295,
73.6077


■ 21.2877, 33.0535,
10.0341


■ 58.0124, 50.3336,
86.3986


 19.6868, 32.2761,
7.7977


 64.0738, 53.1529,
100.4837

 18.3904, 31.6397,
6.2936

 67.9156, 55.1112,
101.6657

 17.3733, 31.1335,
5.4288

 71.8024, 57.1150,
101.8476

 16.8178, 30.8544,
5.0691

 74.2343, 58.3687,
101.9614

Harmonies

Analogous

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



36.4142, 39.3582, 32.0731



34.5491, 39.3582, 34.6301



33.4740, 39.3582, 39.5152

Triad

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



34.5491, 39.3582, 34.6301



36.2239, 39.3582, 55.6383



41.6963, 39.3582, 40.0441

Complementary

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



34.5491, 39.3582, 34.6301



33.9678, 32.8302, 44.0838

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.



41.6405, 39.3582, 46.3766



34.5491, 39.3582, 34.6301



38.4213, 39.3582, 55.8157

Square

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



34.5491, 39.3582, 34.6301



34.4145, 39.3582, 51.8242



40.4221, 39.3582, 52.2874



40.5719, 39.3582, 34.9843

Rectangle

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



34.5491, 39.3582, 34.6301



33.3224, 39.3582, 43.6339



40.4221, 39.3582, 52.2874



41.8163, 39.3582, 42.0843

Sweetspot

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



34.5502, 39.3599, 34.6310



68.1605, 73.4444, 75.1597



36.1863, 37.9801, 34.2784



14.6989, 15.9076, 16.0929



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.



34.5502, 39.3599, 34.6310



59.9765, 69.5939, 58.1296



33.3094, 38.6877, 36.0449



8.1574, 9.0697, 8.5341



12.4110, 22.6952, 3.7265



0.4053, 0.6623, 0.1065

Inverse Universe

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



33.9678, 32.8302, 44.0838



58.7248, 55.5665, 78.4361



35.3545, 33.5832, 42.4280



8.0626, 8.0066, 10.0732



10.5923, 4.8204, 29.4167



0.3506, 0.1630, 0.8210

Previews

White Background



This preview shows how the XYZ color 34.5491, 39.3582, 34.6301 looks on a white background.

Color Contrast Check

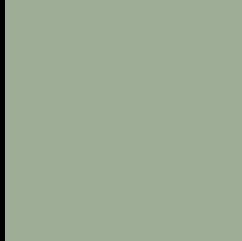
Large Text (above 18pt) WCAG AA × Fail

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 34.5491, 39.3582, 34.6301 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

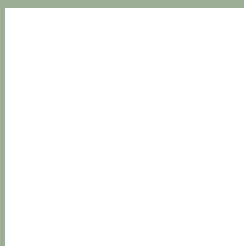
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.5491, 39.3582, 34.6301

Background



This preview shows how black text looks on a background with the XYZ color 34.5491, 39.3582, 34.6301.



This preview shows how white text looks on a background with the XYZ color 34.5491, 39.3582,

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

34.5491, 39.3582, 34.6301

Protanopia

37.1736, 39.3420, 33.2383

Deuteranopia

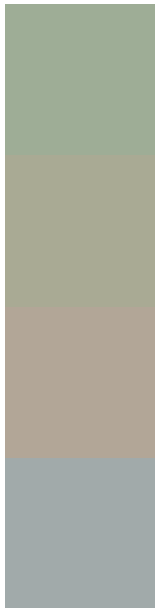
39.8230, 39.0548, 35.1452



Tritanopia

37.5504, 39.1692, 49.8373

Trichromacy



Original Color

34.5491, 39.3582, 34.6301

Protanomaly

36.0822, 39.3226, 33.7053

Deuteranomaly

37.5822, 38.9718, 34.8197

Tritanomaly

36.3284, 39.2288, 43.6874

Monochromacy



Original Color

34.5491, 39.3582, 34.6301

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.6374, 38.7005, 38.8494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5491, 39.3582, 34.6301 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(158, 173, 150)` looks like.

```
.text, #text, p{  
    color:rgb(158, 173, 150)  
}
```

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(158, 173, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 173, 150) }
```

Border

The CSS property to change the border of an element to XYZ 34.5491, 39.3582, 34.6301 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(158, 173, 150) }
```


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

```
.border{ border-color:rgb(158, 173, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 173, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 173, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 173, 150);  
box-shadow:4px 4px 4px 4px rgb(158, 173,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5491, 39.3582, 34.6301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 173, 150) }
```

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

```
.background{ background-color: rgb(158,  
173, 150) }
```

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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