

Converting Colors

XYZ(34.9732, 34.4046, 39.4928)

Have a look what the booklet for
XYZ(34.9732, 34.4046, 39.4928)
contains.

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Color

**XYZ(34.9610, 34.4135,
39.4501)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9AA3
RGB	171, 154, 163
RGB Percent	67%, 60%, 64%
CMY	0.3294, 0.3961, 0.3608
CMYK	0.00, 0.10, 0.05, 0.33
HSL	328°, 9%, 64%
HSV	328°, 10%, 67%
XYZ	34.9610, 34.4135, 39.4501
YIQ	160.1090, 7.2430, 6.4030

Conversions

Conversions Part 2

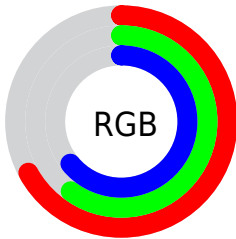
Format	Color
R_{YB}	171, 154, 163
Decimal	11246243
CIE Lab	65.29, 7.86, -2.43
CIE LCh	65, 8.229, 342.854
Yxy	34.4135, 0.3213, 0.3162
Android (android.graphics.Color)	4289436323 (0xFFAB9AA3)
YUV	160.1090, 1.4253, 9.5514
Hunter-Lab	58.6630, 3.7191, 1.1924

Details

The XYZ color **34.9610, 34.4135, 39.4501** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.4122, 38.6053, 39.8221**, and the grayscale version is **33.4560, 35.1983, 38.3309**.

A 20% lighter version of the original color is **66.5748, 66.3425, 75.6262**, and **15.3272, 14.7701, 17.0820** is the 20% darker color. If you saturate the color by 10%, you get **31.6392, 28.8871, 34.8976**, and if you desaturate by 10%, it is **38.7328, 40.7654, 44.3799**.

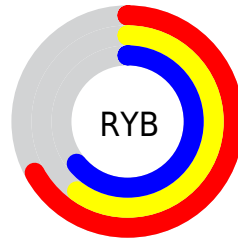
Distribution



Red (67%)

Green (60%)

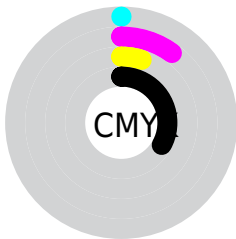
Blue (64%)



Red (67%)

Yellow (60%)

Blue (64%)

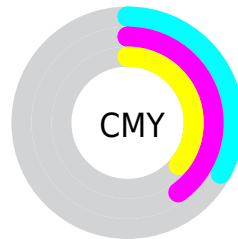


Cyan (0%)

Magenta (10%)

Yellow (5%)

Black (33%)



Cyan (33%)


Magenta (40%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9610, 34.4135, 39.4501 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 34.9610, 34.4135, 39.4501 by changing the saturation by 10% instead.


 34.9610, 34.4135,
39.4501


 34.9610, 34.4135,
39.4501


315.9072,
321.9719, 359.2833

 23.7992, 23.2114,
26.7995


 66.7598, 66.5762,
75.5533

 15.3087, 14.7497,
17.1916


 88.1275, 88.3056,
99.8431

 9.1240, 8.6439,
10.2078

113.6278,
114.3129, 128.8496

 4.8799, 4.5097,
5.4296

143.6262,
144.9825, 162.9915

 2.2110, 1.9625,
2.4383

178.4880,
180.6988, 202.6872

 0.7485, 0.5856,
0.8072

218.5785,

 0.0000, 0.0000,

221.8463, 248.3554

0.0000

264.2631,
268.8091, 300.4146

■ 34.9610, 34.4135,
39.4501

■ 34.9610, 34.4135,
39.4501

■ 31.6392, 28.8871,
34.8976

■ 38.7328, 40.7654,
44.3799

■ 28.7466, 24.1475,
30.7101

■ 42.9683, 47.9705,
49.6944

■ 26.2652, 20.1596,
26.8776

■ 47.6843, 56.0606,
55.4035

■ 24.1746, 16.8840,
23.3889

■ 52.8960, 65.0647,
61.5163

■ 22.4525, 14.2775,
20.2321

■ 58.6177, 75.0103,
68.0412

■ 21.0741, 12.2922,
17.3942

■ 64.3493, 84.8958,
74.8151

■ 20.0115, 10.8739,
14.8608

■ 65.3858, 85.3104,
80.2735

■ 19.2320, 9.9587,
12.6161

■ 66.4736, 85.7456,
86.0020

■ 18.6654, 9.4081,
10.6314

■ 67.6135, 86.2015,
92.0041

Harmonies

Analogous

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



34.3016, 34.4135, 42.5203



34.9610, 34.4135, 39.4501



35.0077, 34.4135, 36.0212

Triad

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



34.9610, 34.4135, 39.4501



32.1990, 34.4135, 31.3969



31.0484, 34.4135, 42.1412

Complementary

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



34.9610, 34.4135, 39.4501



34.4122, 38.6053, 39.8221

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.



30.5132, 34.4135, 38.9581



34.9610, 34.4135, 39.4501



31.1664, 34.4135, 32.8372

Square

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



34.9610, 34.4135, 39.4501



33.3931, 34.4135, 31.5107



30.5558, 34.4135, 35.5582



32.0343, 34.4135, 44.1379

Rectangle

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



34.9610, 34.4135, 39.4501



34.6835, 34.4135, 34.0026



30.5558, 34.4135, 35.5582



30.8109, 34.4135, 41.1664

Sweetspot

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



34.9620, 34.4150, 39.4508



67.1773, 69.3055, 76.6596



33.7943, 33.7276, 43.2573



14.8591, 15.2501, 16.9373



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.



34.9620, 34.4150, 39.4508



61.1928, 59.2577, 68.7421



34.2314, 34.1228, 35.6039



8.1757, 8.0835, 9.2361



14.0953, 7.1006, 8.1470



0.4195, 0.2085, 0.3707

Inverse Universe

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



34.9620, 34.4150, 39.4508



61.1928, 59.2577, 68.7421



35.1871, 38.9153, 43.9027



8.1757, 8.0835, 9.2361



14.0953, 7.1006, 8.1470



0.4195, 0.2085, 0.3707

Previews

White Background



This preview shows how the XYZ color 34.9610, 34.4135, 39.4501 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 34.9610, 34.4135, 39.4501 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 34.9610, 34.4135, 39.4501

Background



This preview shows how black text looks on a background with the XYZ color 34.9610, 34.4135, 39.4501.



This preview shows how white text looks on a background with the XYZ color 34.9610, 34.4135,

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

34.9610, 34.4135, 39.4501

Protanopia

33.3165, 34.5413, 40.5085

Deuteranopia

35.1797, 34.5262, 39.4604



Tritanopia

35.2331, 34.5223, 40.8829

Trichromacy



Original Color

34.9610, 34.4135, 39.4501

Protanomaly

33.8621, 34.5808, 40.0120

Deuteranomaly

35.1797, 34.5262, 39.4604

Tritanomaly

35.1417, 34.4857, 40.4016

Monochromacy



Original Color

34.9610, 34.4135, 39.4501

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.9697, 34.9194, 38.6679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9610, 34.4135, 39.4501 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(171, 154, 163)` looks like.

```
.text, #text, p{  
    color:rgb(171, 154, 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(171, 154, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 154, 163) }
```

Border

The CSS property to change the border of an element to XYZ 34.9610, 34.4135, 39.4501 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(171, 154, 163) }
```


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

```
.border{ border-color:rgb(171, 154, 163) }
```

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

Here you see how a box with a 4 pixel rgb(171, 154, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 154, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 154, 163);  
box-shadow:4px 4px 4px 4px rgb(171, 154,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9610, 34.4135, 39.4501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 154, 163) }
```

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

```
.background{ background-color: rgb(171,  
154, 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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