

Converting Colors

XYZ(34.8204, 39.4609, 8.8842)

Have a look what the booklet for
XYZ(34.8204, 39.4609, 8.8842)
contains.

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Color

**XYZ(34.9276, 39.5552,
8.9260)**

Conversions

Conversions Part 1

Format	Color
Hex	B8AB33
RGB	184, 171, 51
RGB Percent	72%, 67%, 20%
CMY	0.2784, 0.3294, 0.8000
CMYK	0.00, 0.07, 0.72, 0.28
HSL	54°, 57%, 46%
HSV	54°, 72%, 72%
XYZ	34.9276, 39.5552, 8.9260
YIQ	161.2070, 46.2680, -34.5640

Conversions

Conversions Part 2

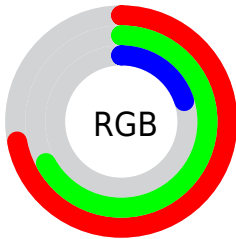
Format	Color
RYB	65, 184, 51
Decimal	12102451
CIELab	69.15, -8.90, 59.93
CIELCh	69, 60.588, 98.445
Yxy	39.5552, 0.4188, 0.4742
Android (android.graphics.Color)	4290292531 (0xFFB8AB33)
YUV	161.2070, -54.3321, 19.9895
Hunter-Lab	62.8929, -10.9326, 35.6104

Details

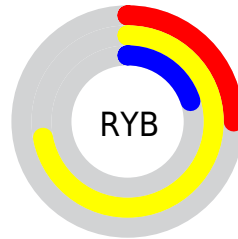
The XYZ color **34.9276, 39.5552, 8.9260** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **11.8504, 7.8312, 46.2340**, and the grayscale version is **34.2034, 35.9847, 39.1873**.

A 20% lighter version of the original color is **66.7083, 74.4673, 24.2223**, and **15.3492, 17.7057, 2.6085** is the 20% darker color. If you saturate the color by 10%, you get **34.2626, 38.7510, 7.0838**, and if you desaturate by 10%, it is **35.7596, 40.4366, 11.6165**.

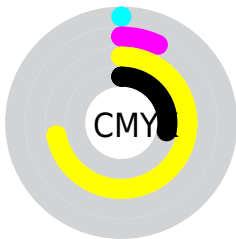
Distribution



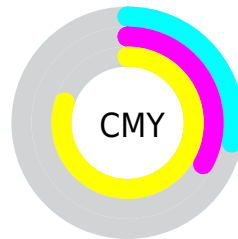
- Red (72%)
- Green (67%)
- Blue (20%)



- Red (25%)
- Yellow (72%)
- Blue (20%)



- Cyan (0%)
- Magenta (7%)
- Yellow (72%)
- Black (28%)



- Cyan (28%)
- Magenta (33%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9276, 39.5552, 8.9260 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 34.9276, 39.5552, 8.9260 by changing the saturation by 10% instead.

■ 34.9276, 39.5552,
8.9260

■ 34.9276, 39.5552,
8.9260

315.7623,
344.2452, 193.0226

■ 23.7734, 27.1919,
4.5968

■ 66.7084, 74.4857,
24.3302

■ 15.2894, 17.7174,
1.9581

■ 88.0656, 97.8217,
36.2423

■ 9.1104, 10.7473,
0.5293

■ 113.5545,
125.5841, 51.5191

■ 4.8709, 5.8972,
0.0000

■ 143.5405,
158.1572, 70.5791

■ 2.2057, 2.7827,
0.0000

■ 178.3889,
195.9255, 93.8410

■ 0.7457, 1.0193,
0.0000

■ 218.4651,

■ 0.0000, 0.0000,

239.2733, 121.7231

0.0000

264.1345,
288.5851, 154.6442

■ 34.9276, 39.5552,
8.9260

■ 34.9276, 39.5552,
8.9260

■ 34.2626, 38.7510,
7.0838

■ 35.7596, 40.4366,
11.6165

■ 33.7415, 38.0103,
5.9811

■ 36.7727, 41.3963,
15.2422

■ 33.4072, 37.4706,
5.4718

■ 37.9827, 42.4422,
19.8816

■ 39.4029, 43.5797,
25.6046

■ 41.0452, 44.8136,
32.4747

■ 42.9210, 46.1484,
40.5505

■ 45.0405, 47.5882,
49.8868

■ 47.4136, 49.1370,
60.5347

■ 50.0494, 50.7986,
72.5428

Harmonies

Analogous

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



44.8598, 39.5552, 10.0757



34.9276, 39.5552, 8.9260



27.1673, 39.5552, 13.3507

Triad

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



34.9276, 39.5552, 8.9260



24.8179, 39.5552, 85.4568



57.7071, 39.5552, 65.7800

Complementary

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



34.9276, 39.5552, 8.9260



11.8504, 7.8312, 46.2340

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.



50.4010, 39.5552, 99.7842



34.9276, 39.5552, 8.9260



31.1620, 39.5552, 114.1322

Square

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



34.9276, 39.5552, 8.9260



22.0228, 39.5552, 51.3835



40.3970, 39.5552, 120.2735



59.1836, 39.5552, 35.7034

Rectangle

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



34.9276, 39.5552, 8.9260



23.8576, 39.5552, 20.7569



40.3970, 39.5552, 120.2735



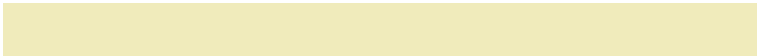
55.7979, 39.5552, 77.4340

Sweetspot

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



34.9285, 39.5571, 8.9268



74.3784, 81.2172, 58.7509



21.8851, 12.9319, 6.2386



15.8537, 17.3757, 11.9011



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



34.9285, 39.5571, 8.9268



61.4992, 69.4053, 11.4627



27.0673, 39.3292, 9.2971



9.6732, 10.3493, 9.5947



23.0530, 25.8823, 3.7808



0.8345, 0.9561, 0.1406

Inverse Universe

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



11.8504, 7.8312, 46.2340



17.4610, 8.9820, 83.0180



15.5681, 8.7839, 46.2220



8.5898, 8.8569, 11.3363



6.1363, 2.7323, 31.4570



0.2399, 0.1436, 1.1168

Previews

White Background



This preview shows how the XYZ color 34.9276, 39.5552, 8.9260 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 34.9276, 39.5552, 8.9260 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 34.9276, 39.5552, 8.9260

Background



This preview shows how black text looks on a background with the XYZ color 34.9276, 39.5552, 8.9260.



This preview shows how white text looks on a background with the XYZ color 34.9276, 39.5552,

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

34.9276, 39.5552, 8.9260

Protanopia

35.7718, 39.4338, 8.8581

Deuteranopia

40.1244, 39.2663, 9.0788



Tritanopia

42.2653, 39.5895, 44.4436

Trichromacy



Original Color

34.9276, 39.5552, 8.9260

Protanomaly

35.4658, 39.5533, 8.8973

Deuteranomaly

38.0287, 39.2348, 9.0588

Tritanomaly

38.4069, 39.0566, 25.9365

Monochromacy



Original Color

34.9276, 39.5552, 8.9260

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

33.2685, 36.7258, 23.4245

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9276, 39.5552, 8.9260 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(184, 171, 51)` looks like.

```
.text, #text, p{  
    color:rgb(184, 171, 51)  
}
```

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(184, 171, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 171, 51) }
```

Border

The CSS property to change the border of an element to XYZ 34.9276, 39.5552, 8.9260 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(184, 171, 51) }
```


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

```
.border{ border-color:rgb(184, 171, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 171, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 171, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 171, 51);  
box-shadow:4px 4px 4px 4px rgb(184, 171,  
51) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9276, 39.5552, 8.9260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 171, 51) }
```

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

```
.background{ background-color: rgb(184,  
171, 51) }
```

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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