

Converting Colors

XYZ(34.3624, 34.8760, 39.0365)

Have a look what the booklet for
XYZ(34.3624, 34.8760, 39.0365)
contains.

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Color

**XYZ(34.3044, 34.8296,
39.0972)**

Conversions

Conversions Part 1

Format	Color
Hex	A69DA2
RGB	166, 157, 162
RGB Percent	65%, 62%, 64%
CMY	0.3490, 0.3843, 0.3647
CMYK	0.00, 0.05, 0.02, 0.35
HSL	327°, 5%, 63%
HSV	327°, 5%, 65%
XYZ	34.3044, 34.8296, 39.0972
YIQ	160.2610, 3.7590, 3.4630

Conversions

Conversions Part 2

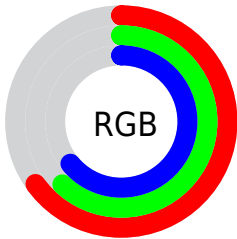
Format	Color
RYB	166, 157, 162
Decimal	10919330
CIELab	65.62, 4.20, -1.44
CIELCh	66, 4.439, 341.113
Yxy	34.8296, 0.3170, 0.3218
Android (android.graphics.Color)	4289109410 (0xFFA69DA2)
YUV	160.2610, 0.8573, 5.0331
Hunter-Lab	59.0166, 0.4771, 2.0333

Details

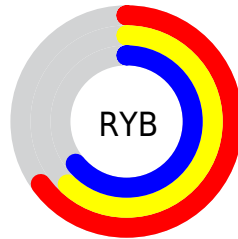
The XYZ color **34.3044, 34.8296, 39.0972** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.9751, 37.0145, 39.0737**, and the grayscale version is **33.5298, 35.2759, 38.4155**.

A 20% lighter version of the original color is **65.8867, 67.4689, 75.1958**, and **14.9079, 15.0113, 16.8636** is the 20% darker color. If you saturate the color by 10%, you get **31.0479, 29.3354, 34.8698**, and if you desaturate by 10%, it is **37.9830, 41.1054, 43.6561**.

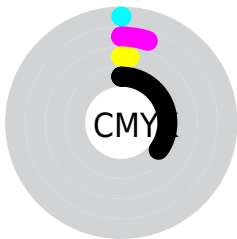
Distribution



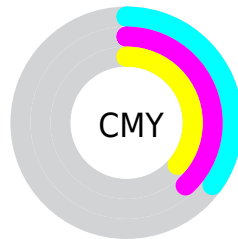
- Red (65%)
- Green (62%)
- Blue (64%)



- Red (65%)
- Yellow (62%)
- Blue (64%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (35%)



- Cyan (35%)
- Magenta (38%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.3044, 34.8296, 39.0972 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 34.3044, 34.8296, 39.0972 by changing the saturation by 10% instead.

■ 34.3044, 34.8296,
39.0972

■ 34.3044, 34.8296,
39.0972

313.0493,
323.8156, 357.7419

■ 23.2915, 23.5316,
26.5269

■ 65.7479, 67.2217,
75.0088

■ 14.9308, 14.9866,
16.9890

■ 86.9093, 89.0846,
99.1871

■ 8.8568, 8.8100,
10.0648

112.1842,
115.2380, 128.0720

■ 4.7043, 4.6174,
5.3357

141.9380,
146.0663, 162.0818

■ 2.1078, 2.0246,
2.3834

176.5360,
181.9537, 201.6352

■ 0.6934, 0.6217,
0.7774

216.3437,

■ 0.0000, 0.0000,

223.2849, 247.1506

0.0000

261.7264,
270.4440, 299.0467

■ 34.3044, 34.8296,
39.0972

■ 34.3044, 34.8296,
39.0972

■ 31.0479, 29.3354,
34.8698

■ 37.9830, 41.1054,
43.6561

■ 28.1946, 24.5875,
30.9632

■ 42.0957, 48.1873,
48.5524

■ 25.7285, 20.5544,
27.3690

■ 46.6579, 56.1046,
53.7947

■ 23.6313, 17.2009,
24.0778

■ 51.6832, 64.8833,
59.3906

■ 21.8833, 14.4884,
21.0796

■ 57.1846, 74.5488,
65.3473

■ 20.4627, 12.3748,
18.3634

■ 62.6606, 84.0969,
71.5005

■ 19.3454, 10.8127,
15.9174

■ 63.5801, 84.4647,
76.3428

■ 18.5032, 9.7473,
13.7285

■ 64.5424, 84.8496,
81.4098

■ 17.9007, 9.1090,
11.7808

■ 65.5478, 85.2518,
86.7045

Harmonies

Analogous

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



33.9354, 34.8296, 40.6923



34.3044, 34.8296, 39.0972



34.3495, 34.8296, 37.2360

Triad

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



34.3044, 34.8296, 39.0972



32.8635, 34.8296, 34.5097



32.1693, 34.8296, 40.3327

Complementary

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



34.3044, 34.8296, 39.0972



33.9751, 37.0145, 39.0737

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.



31.8900, 34.8296, 38.6195



34.3044, 34.8296, 39.0972



32.2873, 34.8296, 35.2833

Square

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



34.3044, 34.8296, 39.0972



33.5118, 34.8296, 34.6281



31.9329, 34.8296, 36.7736



32.7005, 34.8296, 41.4216

Rectangle

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



34.3044, 34.8296, 39.0972



34.1890, 34.8296, 36.0991



31.9329, 34.8296, 36.7736



32.0431, 34.8296, 39.8084

Sweetspot

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



34.3054, 34.8311, 39.0980



64.4314, 66.9053, 73.6888



33.6190, 34.4355, 40.9515



14.4353, 15.0007, 16.5111



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.



34.3054, 34.8311, 39.0980



61.1960, 61.4099, 69.6039



33.9212, 34.6774, 37.0749



7.8439, 7.8546, 8.9182



13.7233, 6.8981, 8.6206



0.3590, 0.1779, 0.3422

Inverse Universe

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



34.3054, 34.8311, 39.0980



61.1960, 61.4099, 69.6039



34.3699, 37.1724, 41.1524



7.8439, 7.8546, 8.9182



13.7233, 6.8981, 8.6206



0.3590, 0.1779, 0.3422

Previews

White Background



This preview shows how the XYZ color 34.3044, 34.8296, 39.0972 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 34.3044, 34.8296, 39.0972 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 34.3044, 34.8296, 39.0972

Background



This preview shows how black text looks on a background with the XYZ color 34.3044, 34.8296, 39.0972.



This preview shows how white text looks on a background with the XYZ color 34.3044, 34.8296,

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

34.3044, 34.8296, 39.0972

Protanopia

33.7069, 35.0177, 39.6329

Deuteranopia

35.4000, 34.6398, 39.4707



Tritanopia

34.8927, 34.8196, 41.9276

Trichromacy



Original Color

34.3044, 34.8296, 39.0972

Protanomaly

33.9420, 34.8846, 39.5948

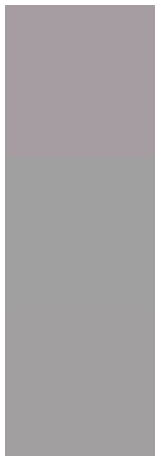
Deuteranomaly

34.9098, 34.6331, 39.4952

Tritanomaly

34.7078, 34.7456, 40.9537

Monochromacy



Original Color

34.3044, 34.8296, 39.0972

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.7315, 35.0509, 38.7059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3044, 34.8296, 39.0972 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(166, 157, 162) looks like.

```
.text, #text, p{  
    color:rgb(166, 157, 162)  
}
```

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(166, 157, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 157, 162) }
```

Border

The CSS property to change the border of an element to XYZ 34.3044, 34.8296, 39.0972 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(166, 157, 162) }
```


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

```
.border{ border-color:rgb(166, 157, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 157, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 157, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 157, 162);  
box-shadow:4px 4px 4px 4px rgb(166, 157,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3044, 34.8296, 39.0972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 157, 162) }
```

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

```
.background{ background-color: rgb(166,  
157, 162) }
```

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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