

Converting Colors

XYZ(35.2026, 35.0917, 38.9943)

Have a look what the booklet for
XYZ(35.2026, 35.0917, 38.9943)
contains.

XYZ(35.2046, 35.0435, 39.0910)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.2046, 35.0435,
39.0910)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9CA2
RGB	171, 156, 162
RGB Percent	67%, 61%, 64%
CMY	0.3294, 0.3882, 0.3647
CMYK	0.00, 0.09, 0.05, 0.33
HSL	336°, 8%, 64%
HSV	336°, 9%, 67%
XYZ	35.2046, 35.0435, 39.0910
YIQ	161.1690, 7.0140, 5.0460

Conversions

Conversions Part 2

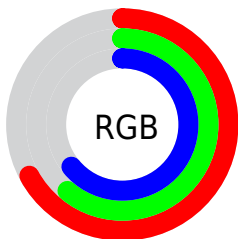
Format	Color
RYB	171, 156, 162
Decimal	11246754
CIELab	65.78, 6.57, -1.14
CIELCh	66, 6.667, 350.137
Yxy	35.0435, 0.3220, 0.3205
Android (android.graphics.Color)	4289436834 (0xFFAB9CA2)
YUV	161.1690, 0.4097, 8.6218
Hunter-Lab	59.1976, 2.5577, 2.2862

Details

The XYZ color **35.2046, 35.0435, 39.0910** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.0660, 38.9112, 41.2616**, and the grayscale version is **33.9515, 35.7196, 38.8987**.

A 20% lighter version of the original color is **66.9350, 67.2717, 75.1025**, and **15.4738, 15.1509, 16.8607** is the 20% darker color. If you saturate the color by 10%, you get **31.6596, 29.3540, 33.5911**, and if you desaturate by 10%, it is **39.2300, 41.5738, 45.1192**.

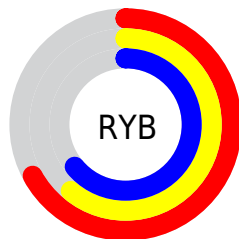
Distribution



Red (67%)

Green (61%)

Blue (64%)



Red (67%)

Yellow (61%)

Blue (64%)

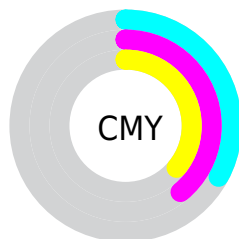


Cyan (0%)

Magenta (9%)

Yellow (5%)

Black (33%)



Cyan (33%)


Magenta (39%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.2046, 35.0435, 39.0910 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 35.2046, 35.0435, 39.0910 by changing the saturation by 10% instead.


 35.2046, 35.0435,
39.0910


 35.2046, 35.0435,
39.0910


316.9627,
324.7603, 357.7147

 23.9878, 23.6964,
26.5222


 67.1345, 67.5532,
74.9992

 15.4492, 15.1086,
16.9854


 88.5784, 89.4845,
99.1756

 9.2236, 8.8956,
10.0622


114.1619,
115.7127, 128.0583

 4.9456, 4.6732,
5.3341

144.2505,
146.6221, 162.0658

 2.2498, 2.0568,
2.3824

179.2095,
182.5972, 201.6167

 0.7688, 0.6402,
0.7769

219.4043,

 0.0000, 0.0000,

224.0223, 247.1294

0.0000

265.2003,
271.2819, 299.0226

■ 35.2046, 35.0435,
39.0910

■ 35.2046, 35.0435,
39.0910

■ 31.6596, 29.3540,
33.5911

■ 39.2300, 41.5738,
45.1192

■ 28.5735, 24.4663,
28.6023

■ 43.7504, 48.9727,
51.6878

■ 25.9275, 20.3455,
24.1098

■ 48.7833, 57.2721,
58.8111

■ 23.7003, 16.9519,
20.0970

■ 54.3446, 66.5011,
66.5024

■ 21.8688, 14.2425,
16.5463

■ 60.4494, 76.6877,
74.7742

■ 20.4074, 12.1696,
13.4391

■ 65.9515, 85.5367,
83.2521

■ 19.2874, 10.6793,
10.7549

■ 67.3823, 86.1090,
90.7871

■ 18.4755, 9.7085,
8.4712

■ 68.8986, 86.7156,
98.7718

■ 17.9118, 9.1414,
6.5558

■ 70.5017, 87.3568,
107.2136

Harmonies

Analogous

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



34.7796, 35.0435, 41.7316



35.2046, 35.0435, 39.0910



35.1138, 35.0435, 36.3233

Triad

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



35.2046, 35.0435, 39.0910



32.6614, 35.0435, 33.2972



32.1111, 35.0435, 42.4634

Complementary

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



35.2046, 35.0435, 39.0910



35.0660, 38.9112, 41.2616

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.



31.5648, 35.0435, 40.0502



35.2046, 35.0435, 39.0910



31.8782, 35.0435, 34.7915

Square

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



35.2046, 35.0435, 39.0910



33.6325, 35.0435, 33.0686



31.4804, 35.0435, 37.2368



32.9851, 35.0435, 43.7410

Rectangle

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



35.2046, 35.0435, 39.0910



34.7736, 35.0435, 34.7728



31.4804, 35.0435, 37.2368



31.8838, 35.0435, 41.7527

Sweetspot

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



35.2056, 35.0450, 39.0918



67.0643, 69.2603, 76.0648



34.7574, 34.7182, 43.3978



14.8275, 15.2374, 16.7710



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.



35.2056, 35.0450, 39.0918



61.4336, 60.1565, 67.5365



34.9382, 35.3432, 36.4349



8.1330, 8.0664, 9.0110



13.4806, 6.8548, 4.9101



0.4025, 0.2017, 0.2813

Inverse Universe

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



35.2056, 35.0450, 39.0918



61.4336, 60.1565, 67.5365



35.3432, 38.5714, 44.1107



8.1330, 8.0664, 9.0110



13.4806, 6.8548, 4.9101



0.4025, 0.2017, 0.2813

Previews

White Background



This preview shows how the XYZ color 35.2046, 35.0435, 39.0910 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 35.2046, 35.0435, 39.0910 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

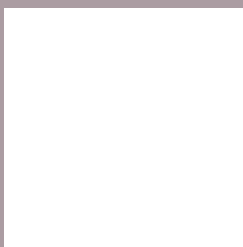
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.2046, 35.0435, 39.0910

Background



This preview shows how black text looks on a background with the XYZ color 35.2046, 35.0435, 39.0910.



This preview shows how white text looks on a background with the XYZ color 35.2046, 35.0435,

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

35.2046, 35.0435, 39.0910

Protanopia

33.9993, 35.1580, 40.1162

Deuteranopia

35.6985, 35.0500, 39.0662



Tritanopia

35.7097, 35.0034, 41.4334

Trichromacy



Original Color

35.2046, 35.0435, 39.0910

Protanomaly

34.3548, 35.0974, 39.6141

Deuteranomaly

35.4765, 34.9356, 39.0558

Tritanomaly

35.5261, 34.9300, 40.4670

Monochromacy



Original Color

35.2046, 35.0435, 39.0910

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

34.3482, 35.3688, 38.7347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2046, 35.0435, 39.0910 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, 156, 162)` looks like.

```
.text, #text, p{  
    color:rgb(171, 156, 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(171, 156, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 156, 162) }
```

Border

The CSS property to change the border of an element to XYZ 35.2046, 35.0435, 39.0910 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, 156, 162) }
```


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

```
.border{ border-color:rgb(171, 156, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 156, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 156, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 156, 162);  
box-shadow:4px 4px 4px 4px rgb(171, 156,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2046, 35.0435, 39.0910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 156, 162) }
```

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

```
.background{ background-color: rgb(171,  
156, 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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