

Converting Colors

XYZ(39.5183, 39.2904, 50.2991)

Have a look what the booklet for
XYZ(39.5183, 39.2904, 50.2991)
contains.

XYZ(39.4579, 39.3278, 50.3111)	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(39.4579, 39.3278,
50.3111)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA5B7
RGB	174, 165, 183
RGB Percent	68%, 65%, 72%
CMY	0.3176, 0.3529, 0.2823
CMYK	0.05, 0.10, 0.00, 0.28
HSL	270°, 11%, 68%
HSV	270°, 10%, 72%
XYZ	39.4579, 39.3278, 50.3111
YIQ	169.7430, -0.4140, 7.5060

Conversions

Conversions Part 2

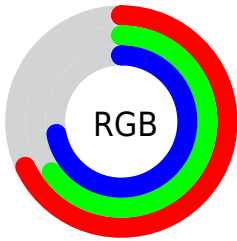
Format	Color
RYB	174, 165, 183
Decimal	11445687
CIELab	68.99, 6.67, -8.09
CIELCh	69, 10.481, 309.494
Yxy	39.3278, 0.3056, 0.3046
Android (android.graphics.Color)	4289635767 (0xFFAEA5B7)
YUV	169.7430, 6.5357, 3.7334
Hunter-Lab	62.7119, 2.5652, -3.6676

Details

The XYZ color **39.4579, 39.3278, 50.3111** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.1820, 45.5833, 42.2272**, and the grayscale version is **38.0502, 40.0317, 43.5945**.

A 20% lighter version of the original color is **73.4863, 74.0764, 92.0864**, and **17.9604, 17.5595, 23.5618** is the 20% darker color. If you saturate the color by 10%, you get **34.4209, 32.1777, 49.1971**, and if you desaturate by 10%, it is **45.1084, 47.4975, 51.5908**.

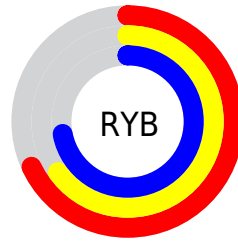
Distribution



Red (68%)

Green (65%)

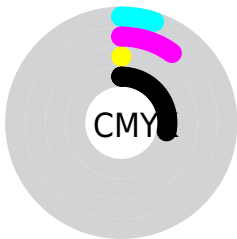
Blue (72%)



Red (68%)

Yellow (65%)

Blue (72%)

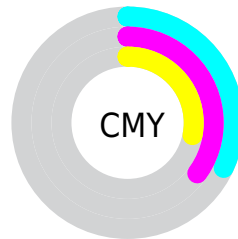


Cyan (5%)

Magenta (10%)

Yellow (0%)

Black (28%)



Cyan (32%)

Magenta (35%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4579, 39.3278, 50.3111 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 39.4579, 39.3278, 50.3111 by changing the saturation by 10% instead.

■ 39.4579, 39.3278,
50.3111

■ 39.4579, 39.3278,
50.3111

335.0071,
343.2821, 404.6512

■ 27.2985, 27.0148,
35.2877

■ 73.6269, 74.1388,
92.0367

■ 17.9352, 17.5844,
23.5993

■ 96.3672, 97.4057,
119.5760

■ 11.0029, 10.6520,
14.8272

123.3651,
125.0926, 152.1244

■ 6.1361, 5.8333,
8.5529

154.9861,
157.5840, 190.1004

■ 2.9695, 2.7440,
4.3579

191.5954,
195.2642, 233.9225

■ 1.1376, 0.9996,
1.8237

233.5584,

■ 0.0563, 0.0000,

238.5177, 284.0093

0.4435

281.2406,
287.7289, 340.7793

■ 0.0000, 0.0000,
0.0000

■ 39.4579, 39.3278,
50.3111

■ 39.4579, 39.3278,
50.3111

■ 34.4209, 32.1777,
49.1971

■ 45.1084, 47.4975,
51.5908

■ 29.9714, 26.0007,
48.2393

■ 51.3904, 56.7207,
53.0400

■ 26.0861, 20.7545,
47.4315

■ 58.3254, 67.0358,
54.6655

■ 22.7391, 16.3911,
46.7657

■ 65.9328, 78.4780,
56.4731

■ 19.9020, 12.8586,
46.2333

■ 73.7493, 90.1168,
58.3076

■ 17.5438, 10.0992,
45.8250

■ 76.5915, 91.5820,
58.4406

■ 15.6291, 8.0473,
45.5299

■ 79.5876, 93.1266,
58.5808

■ 14.1170, 6.6260,
45.3352

■ 82.7399, 94.7517,
58.7284

■ 12.9283, 5.6823,
45.2157

■ 85.5474, 96.1989,
58.8598

Harmonies

Analogous

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



37.9116, 39.3278, 52.5390



39.4579, 39.3278, 50.3111



40.4664, 39.3278, 46.1216

Triad

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



39.4579, 39.3278, 50.3111



38.5152, 39.3278, 34.7782



34.3037, 39.3278, 44.3549

Complementary

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



39.4579, 39.3278, 50.3111



41.1820, 45.5833, 42.2272

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.



34.4544, 39.3278, 39.6823



39.4579, 39.3278, 50.3111



36.8532, 39.3278, 34.3824

Square

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



39.4579, 39.3278, 50.3111



39.9110, 39.3278, 37.2389



35.3762, 39.3278, 36.1143



34.9581, 39.3278, 48.9355

Rectangle

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



39.4579, 39.3278, 50.3111



40.6810, 39.3278, 42.9025



35.3762, 39.3278, 36.1143



34.2624, 39.3278, 42.7402

Sweetspot

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



39.4591, 39.3295, 50.3120



77.4126, 80.1601, 91.6281



39.2598, 41.8078, 50.8008



16.9153, 17.4400, 20.1963



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.



39.4591, 39.3295, 50.3120



68.4394, 67.2482, 89.6088



41.4606, 40.3613, 50.4056



8.9374, 8.9341, 11.3328



9.0853, 3.9948, 31.5453



0.3917, 0.1776, 1.1154

Inverse Universe

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



40.6249, 40.0353, 45.6328



71.0090, 68.8038, 79.2955



39.3060, 44.6161, 42.1394



9.1869, 9.0851, 10.3314



14.9909, 7.5701, 7.8386



0.5597, 0.2794, 0.4408

Previews

White Background



This preview shows how the XYZ color 39.4579, 39.3278, 50.3111 looks on a white background.

Color Contrast Check

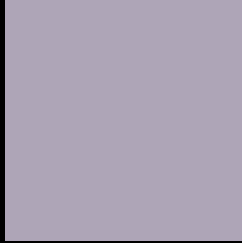
Large Text (above 18pt) WCAG AA × Fail

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 39.4579, 39.3278, 50.3111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

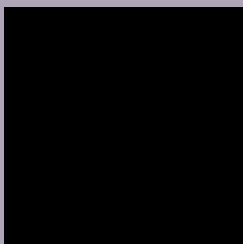
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

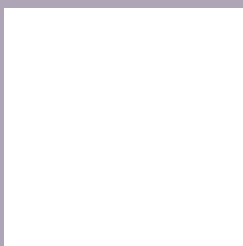
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.4579, 39.3278, 50.3111

Background



This preview shows how black text looks on a background with the XYZ color 39.4579, 39.3278, 50.3111.



This preview shows how white text looks on a background with the XYZ color 39.4579, 39.3278,

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

39.4579, 39.3278, 50.3111

Protanopia

38.4068, 39.3136, 50.9114

Deuteranopia

40.1828, 39.4348, 50.2936



Tritanopia

39.0065, 39.4113, 48.1991

Trichromacy



Original Color

39.4579, 39.3278, 50.3111

Protanomaly

38.8655, 39.2792, 50.8806

Deuteranomaly

39.9542, 39.3169, 50.2829

Tritanomaly

39.1080, 39.4520, 48.7338

Monochromacy



Original Color

39.4579, 39.3278, 50.3111

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.5351, 39.7583, 46.2005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4579, 39.3278, 50.3111 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(174, 165, 183)` looks like.

```
.text, #text, p{  
    color:rgb(174, 165, 183)  
}
```

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(174, 165, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 165, 183) }
```

Border

The CSS property to change the border of an element to XYZ 39.4579, 39.3278, 50.3111 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(174, 165, 183) }
```


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

```
.border{ border-color:rgb(174, 165, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 165, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 165, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 165, 183);  
box-shadow:4px 4px 4px 4px rgb(174, 165,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4579, 39.3278, 50.3111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 165, 183) }
```

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

```
.background{ background-color: rgb(174,  
165, 183) }
```

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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