

Converting Colors

XYZ(38.9035, 39.3242, 46.8975)

Have a look what the booklet for
XYZ(38.9035, 39.3242, 46.8975)
contains.

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Color

**XYZ(39.0276, 39.4454,
47.1517)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA6B1
RGB	174, 166, 177
RGB Percent	68%, 65%, 69%
CMY	0.3176, 0.3490, 0.3059
CMYK	0.02, 0.06, 0.00, 0.31
HSL	284°, 7%, 67%
HSV	284°, 6%, 69%
XYZ	39.0276, 39.4454, 47.1517
YIQ	169.6460, 1.2370, 5.1170

Conversions

Conversions Part 2

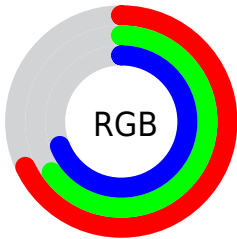
Format	Color
RYB	174, 166, 177
Decimal	11445937
CIELab	69.07, 4.94, -4.64
CIELCh	69, 6.775, 316.823
Yxy	39.4454, 0.3107, 0.3140
Android (android.graphics.Color)	4289636017 (0xFFAEA6B1)
YUV	169.6460, 3.6255, 3.8185
Hunter-Lab	62.8056, 1.0108, -0.5485

Details

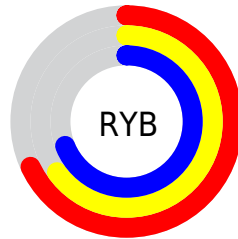
The XYZ color **39.0276, 39.4454, 47.1517** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.9686, 42.6335, 42.2535**, and the grayscale version is **38.0154, 39.9951, 43.5547**.

A 20% lighter version of the original color is **72.8775, 74.2541, 87.5822**, and **17.6814, 17.6274, 21.5393** is the 20% darker color. If you saturate the color by 10%, you get **34.9730, 32.9038, 46.1033**, and if you desaturate by 10%, it is **43.5660, 46.8959, 48.3512**.

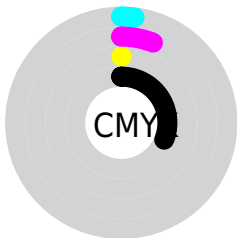
Distribution



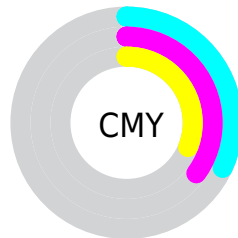
- Red (68%)
- Green (65%)
- Blue (69%)



- Red (68%)
- Yellow (65%)
- Blue (69%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (31%)



- Cyan (32%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0276, 39.4454, 47.1517 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 39.0276, 39.4454, 47.1517 by changing the saturation by 10% instead.

■ 39.0276, 39.4454,
47.1517

■ 39.0276, 39.4454,
47.1517

333.2130,
343.7804, 391.8310

■ 26.9620, 27.1064,
32.8004

■ 72.9743, 74.3182,
87.2924

■ 17.6811, 17.6531,
21.7037

■ 95.5861, 97.6209,
113.9188

■ 10.8196, 10.7013,
13.4431

122.4440,
125.3468, 145.4740

■ 6.0121, 5.8663,
7.6001

153.9134,
157.8805, 182.3766

■ 2.8931, 2.7640,
3.7561

190.3597,
195.6063, 225.0451

■ 1.0975, 1.0098,
1.4925

232.1481,

■ 0.0230, 0.0000,

238.9087, 273.8979

0.2123

279.6441,
288.1719, 329.3537

■ 0.0000, 0.0000,
0.0000

■ 39.0276, 39.4454,
47.1517

■ 39.0276, 39.4454,
47.1517

■ 34.9730, 32.9038,
46.1033

■ 43.5660, 46.8959,
48.3512

■ 31.3803, 27.2300,
45.1975

■ 48.6021, 55.2845,
49.7049

■ 28.2312, 22.3871,
44.4287

■ 54.1535, 64.6450,
51.2191

■ 25.5045, 18.3334,
43.7900

■ 60.2359, 75.0083,
52.8988

■ 23.1773, 15.0237,
43.2738

■ 66.8641, 86.4037,
54.7490

■ 21.2244, 12.4083,
42.8719

■ 68.3163, 87.3866,
54.8622

■ 19.6174, 10.4309,
42.5750

■ 69.6515, 88.0750,
54.9247

■ 18.3234, 9.0266,
42.3721

■ 71.0281, 88.7846,
54.9891

■ 17.2990, 8.1092,
42.2490

■ 72.4463, 89.5157,
55.0555

Harmonies

Analogous

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



38.0963, 39.4454, 48.9017



39.0276, 39.4454, 47.1517



39.5516, 39.4454, 44.3204

Triad

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



39.0276, 39.4454, 47.1517



37.9674, 39.4454, 37.4113



35.5375, 39.4454, 44.6949

Complementary

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



39.0276, 39.4454, 47.1517



38.9686, 42.6335, 42.2535

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.



35.5045, 39.4454, 41.6069



39.0276, 39.4454, 47.1517



36.8935, 39.4454, 37.5007

Square

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



39.0276, 39.4454, 47.1517



38.9317, 39.4454, 38.7538



35.9966, 39.4454, 39.0044



36.0876, 39.4454, 47.4372

Rectangle

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



39.0276, 39.4454, 47.1517



39.5931, 39.4454, 42.2462



35.9966, 39.4454, 39.0044



35.4659, 39.4454, 43.6603

Sweetspot

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



39.0287, 39.4471, 47.1526



73.1873, 76.0215, 85.3115



37.8729, 39.7023, 47.2627



15.8802, 16.5068, 18.4935



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



39.0287, 39.4471, 47.1526



69.2047, 69.5193, 84.2664



39.4691, 39.7013, 45.9441



8.7981, 8.8175, 10.7446



12.3389, 5.6967, 30.5862



0.4407, 0.2063, 0.9648

Inverse Universe

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



38.9304, 39.4858, 43.1076



69.0077, 69.6004, 76.0013



38.5531, 42.3937, 43.3858



8.7719, 8.8284, 9.6411



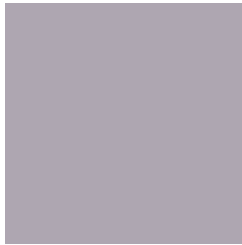
13.5500, 6.9376, 2.7905



0.4514, 0.2283, 0.2200

Previews

White Background



This preview shows how the XYZ color 39.0276, 39.4454, 47.1517 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 39.0276, 39.4454, 47.1517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

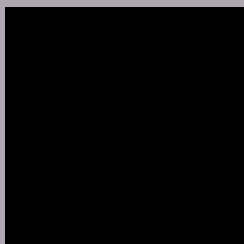
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.0276, 39.4454, 47.1517

Background



This preview shows how black text looks on a background with the XYZ color 39.0276, 39.4454, 47.1517.



This preview shows how white text looks on a background with the XYZ color 39.0276, 39.4454,

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

39.0276, 39.4454, 47.1517

Protanopia

38.4007, 39.6546, 47.7497

Deuteranopia

40.2673, 39.5490, 47.1064



Tritanopia

39.2285, 39.5258, 48.2095

Trichromacy



Original Color

39.0276, 39.4454, 47.1517

Protanomaly

38.6492, 39.5097, 47.7086

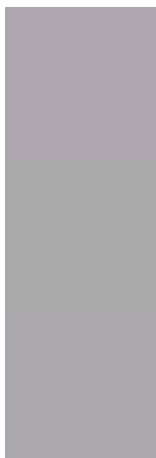
Deuteranomaly

39.7510, 39.5496, 47.1337

Tritanomaly

39.1277, 39.4855, 47.6787

Monochromacy



Original Color

39.0276, 39.4454, 47.1517

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.5254, 40.0510, 45.2353

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0276, 39.4454, 47.1517 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, 166, 177)` looks like.

```
.text, #text, p{  
    color:rgb(174, 166, 177)  
}
```

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, 166, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 166, 177) }
```

Border

The CSS property to change the border of an element to XYZ 39.0276, 39.4454, 47.1517 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, 166, 177) }
```


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

```
.border{ border-color:rgb(174, 166, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 166, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 166, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 166, 177);  
box-shadow:4px 4px 4px 4px rgb(174, 166,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0276, 39.4454, 47.1517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 166, 177) }
```

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

```
.background{ background-color: rgb(174,  
166, 177) }
```

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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