

Converting Colors

XYZ(39.4783, 43.6978, 46.3982)

Have a look what the booklet for
XYZ(39.4783, 43.6978, 46.3982)
contains.

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Color

**XYZ(39.4783, 43.6978,
46.3982)**

Conversions

Conversions Part 1

Format	Color
Hex	A5B4AE
RGB	165, 180, 174
RGB Percent	65%, 71%, 68%
CMY	0.3529, 0.2941, 0.3176
CMYK	0.08, 0.00, 0.03, 0.29
HSL	156°, 9%, 68%
HSV	156°, 8%, 71%
XYZ	39.4783, 43.6978, 46.3982
YIQ	174.8310, -7.0140, -5.0460

Conversions

Conversions Part 2

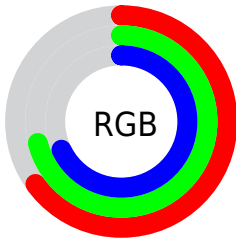
Format	Color
RYB	165, 174, 180
Decimal	10859694
CIELab	72.03, -6.36, 1.27
CIELCh	72, 6.489, 168.745
Yxy	43.6978, 0.3047, 0.3372
Android (android.graphics.Color)	4289049774 (0xFFA5B4AE)
YUV	174.8310, -0.4097, -8.6218
Hunter-Lab	66.1043, -9.0802, 4.6577

Details

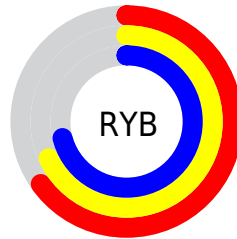
The XYZ color **39.4783, 43.6978, 46.3982** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.6298, 39.5550, 44.0763**, and the grayscale version is **40.6658, 42.7836, 46.5914**.

A 20% lighter version of the original color is **73.6535, 80.8637, 85.8550**, and **17.9123, 20.0946, 21.3469** is the 20% darker color. If you saturate the color by 10%, you get **35.3114, 41.6299, 42.6362**, and if you desaturate by 10%, it is **44.2123, 46.0562, 50.3851**.

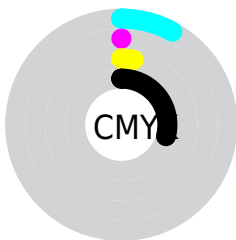
Distribution



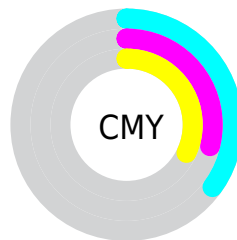
- Red (65%)
- Green (71%)
- Blue (68%)



- Red (65%)
- Yellow (68%)
- Blue (71%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)



- Cyan (35%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4783, 43.6978, 46.3982 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 39.4783, 43.6978, 46.3982 by changing the saturation by 10% instead.

■ 39.4783, 43.6978,
46.3982

■ 39.4783, 43.6978,
46.3982

335.0920,
361.4737, 388.7312

■ 27.3144, 30.4330,
32.2092

■ 73.6578, 80.7628,
86.1552

■ 17.9473, 20.1675,
21.2552

■ 96.4042, 105.3318,
112.5603

■ 11.0116, 12.5168,
13.1176

123.4088,
134.4377, 143.8745

■ 6.1420, 7.0967,
7.3779

155.0369,
168.4648, 180.5163

■ 2.9731, 3.5226,
3.6175

191.6539,
207.7975, 222.9044

■ 1.1396, 1.4103,
1.4180

233.6252,

■ 0.0578, 0.2243,

252.8204, 271.4572

0.1557

281.3161,
303.9176, 326.5933

■ 0.0000, 0.0000,
0.0000

■ 39.4783, 43.6978,
46.3982

■ 39.4783, 43.6978,
46.3982

■ 35.3114, 41.6299,
42.6362

■ 44.2123, 46.0562,
50.3851

■ 31.6854, 39.8353,
39.0922

■ 49.5310, 48.7103,
54.5980

■ 28.5775, 38.3036,
35.7628

■ 55.4555, 51.6723,
59.0417

■ 25.9620, 37.0216,
32.6436

■ 62.0050, 54.9519,
63.7199

■ 23.8104, 35.9747,
29.7301

■ 69.1964, 58.5579,
68.6364

■ 22.0918, 35.1469,
27.0173

■ 70.1143, 58.9250,
73.4700

■ 20.7707, 34.5202,
24.5003

■ 71.0731, 59.3085,
78.5191

■ 19.8061, 34.0734,
22.1734

■ 72.0734, 59.7086,
83.7863

■ 19.1297, 33.7715,
20.0298

■ 73.1155, 60.1255,
89.2742

Harmonies

Analogous

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



39.9519, 43.6978, 43.6675



39.4783, 43.6978, 46.3982



39.5480, 43.6978, 49.5678

Triad

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



39.4783, 43.6978, 46.3982



42.2220, 43.6978, 53.5959



42.9546, 43.6978, 43.1373

Complementary

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



39.4783, 43.6978, 46.3982



39.6298, 39.5550, 44.0763

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.



43.5843, 43.6978, 45.6451



39.4783, 43.6978, 46.3982



43.1562, 43.6978, 51.7184

Square

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



39.4783, 43.6978, 46.3982



41.1189, 43.6978, 53.8196



43.6587, 43.6978, 48.7806



41.9508, 43.6978, 41.8413

Rectangle

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



39.4783, 43.6978, 46.3982



39.8935, 43.6978, 51.5022



43.6587, 43.6978, 48.7806



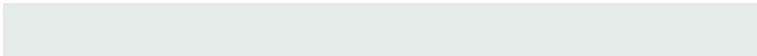
43.2178, 43.6978, 43.8612

Sweetspot

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



39.4795, 43.6997, 46.3992



75.9849, 81.4242, 87.8948



39.9634, 44.0471, 41.9937



16.2749, 17.5249, 18.8723



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



39.4795, 43.6997, 46.3992



70.1178, 78.5053, 82.8444



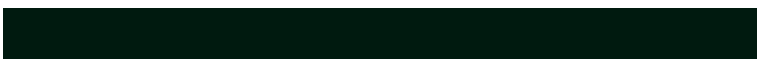
39.8268, 43.4365, 49.4671



8.5958, 9.5728, 10.1311



13.3135, 23.5514, 13.9198



0.4468, 0.7522, 0.5848

Inverse Universe

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



39.6298, 39.5550, 44.0763



70.4462, 69.4475, 77.7682



39.2970, 39.7845, 41.2060



8.6325, 8.5597, 9.5634



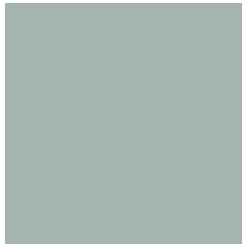
13.9850, 7.1116, 5.0811



0.4692, 0.2354, 0.3137

Previews

White Background



This preview shows how the XYZ color 39.4783, 43.6978, 46.3982 looks on a white background.

Color Contrast Check

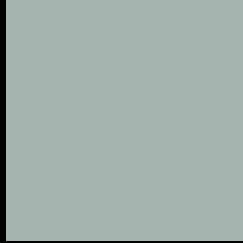
Large Text (above 18pt) WCAG AA × Fail

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 39.4783, 43.6978, 46.3982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

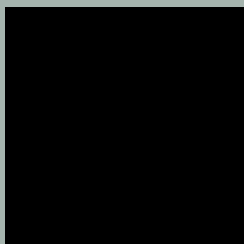
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

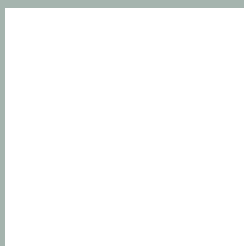
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.4783, 43.6978, 46.3982

Background



This preview shows how black text looks on a background with the XYZ color 39.4783, 43.6978, 46.3982.



This preview shows how white text looks on a background with the XYZ color 39.4783, 43.6978,

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

39.4783, 43.6978, 46.3982

Protanopia

41.9321, 43.8147, 44.7751

Deuteranopia

44.3917, 43.5979, 47.1498



Tritanopia

41.2746, 43.5307, 55.5171

Trichromacy



Original Color

39.4783, 43.6978, 46.3982

Protanomaly

40.8477, 43.5368, 45.2803

Deuteranomaly

42.4024, 43.4345, 46.7063

Tritanomaly

40.6137, 43.5591, 52.1661

Monochromacy



Original Color

39.4783, 43.6978, 46.3982

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.2546, 43.1974, 46.7737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4783, 43.6978, 46.3982 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(165, 180, 174) looks like.

```
.text, #text, p{  
    color:rgb(165, 180, 174)  
}
```

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(165, 180, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 180, 174) }
```

Border

The CSS property to change the border of an element to XYZ 39.4783, 43.6978, 46.3982 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(165, 180, 174) }
```


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

```
.border{ border-color:rgb(165, 180, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 180, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 180, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 180, 174);  
box-shadow:4px 4px 4px 4px rgb(165, 180,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4783, 43.6978, 46.3982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 180, 174) }
```

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

```
.background{ background-color: rgb(165,  
180, 174) }
```

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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