

Converting Colors

XYZ(39.5736, 43.4367, 47.0609)

Have a look what the booklet for
XYZ(39.5736, 43.4367, 47.0609)
contains.

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Color

**XYZ(39.5838, 43.4423,
46.8564)**

Conversions

Conversions Part 1

Format	Color
Hex	A6B3AF
RGB	166, 179, 175
RGB Percent	65%, 70%, 69%
CMY	0.3490, 0.2980, 0.3137
CMYK	0.07, 0.00, 0.02, 0.30
HSL	162°, 8%, 68%
HSV	162°, 7%, 70%
XYZ	39.5838, 43.4423, 46.8564
YIQ	174.6570, -6.4640, -4.0000

Conversions

Conversions Part 2

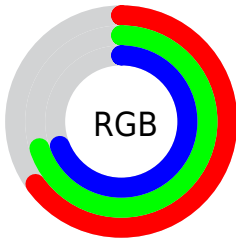
Format	Color
RYB	166, 174, 179
Decimal	10924975
CIELab	71.85, -5.29, 0.48
CIELCh	72, 5.313, 174.856
Yxy	43.4423, 0.3048, 0.3345
Android (android.graphics.Color)	4289115055 (0xFFA6B3AF)
YUV	174.6570, 0.1691, -7.5922
Hunter-Lab	65.9108, -8.1427, 3.9879

Details

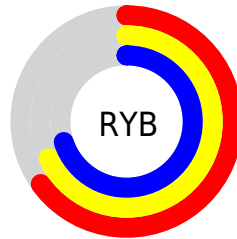
The XYZ color **39.5838, 43.4423, 46.8564** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.4838, 39.7594, 43.6254**, and the grayscale version is **40.5728, 42.6858, 46.4848**.

A 20% lighter version of the original color is **73.8101, 80.5020, 86.5111**, and **17.9754, 19.9292, 21.6382** is the 20% darker color. If you saturate the color by 10%, you get **35.5595, 41.4302, 43.9009**, and if you desaturate by 10%, it is **44.1549, 45.7362, 49.9546**.

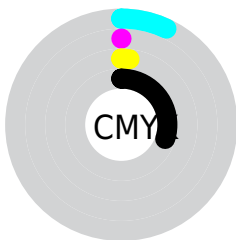
Distribution



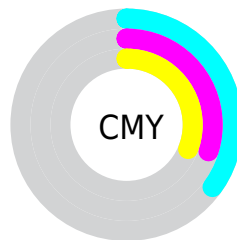
- Red (65%)
- Green (70%)
- Blue (69%)



- Red (65%)
- Yellow (68%)
- Blue (70%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (30%)



- Cyan (35%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5838, 43.4423, 46.8564 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 39.5838, 43.4423, 46.8564 by changing the saturation by 10% instead.

■ 39.5838, 43.4423,
46.8564

■ 39.5838, 43.4423,
46.8564

335.5308,
360.4276, 390.6182

■ 27.3970, 30.2323,
32.5686

■ 73.8177, 80.3779,
86.8470

■ 18.0097, 20.0150,
21.5278

■ 96.5955, 104.8723,
113.3868

■ 11.0567, 12.4059,
13.3153

123.6342,
133.8969, 144.8478

■ 6.1725, 7.0208,
7.5128

155.2994,
167.8362, 181.6484

■ 2.9919, 3.4751,
3.7015

191.9563,
207.0745, 224.2072

■ 1.1495, 1.3845,
1.4631

233.9702,

■ 0.0659, 0.2053,

251.9962, 272.9428

0.1902

281.7066,
302.9858, 328.2736

■ 0.0000, 0.0000,
0.0000

■ 39.5838, 43.4423,
46.8564

■ 39.5838, 43.4423,
46.8564

■ 35.5595, 41.4302,
43.9009

■ 44.1549, 45.7362,
49.9546

■ 32.0567, 39.6832,
41.0829

■ 49.2897, 48.3169,
53.1948

■ 29.0534, 38.1911,
38.4009

■ 55.0088, 51.1961,
56.5804

■ 26.5246, 36.9413,
35.8522

■ 61.3305, 54.3834,
60.1134

■ 24.4431, 35.9196,
33.4342

■ 68.0872, 57.7923,
63.7873

■ 22.7788, 35.1106,
31.1440

■ 68.7538, 58.0590,
67.2979

■ 21.4979, 34.4969,
28.9784

■ 69.4441, 58.3351,
70.9326

■ 20.5609, 34.0581,
26.9343

■ 70.1581, 58.6207,
74.6927

■ 19.9101, 33.7646,
25.0072

■ 70.8961, 58.9159,
78.5792

Harmonies

Analogous

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



39.8858, 43.4423, 44.4937



39.5838, 43.4423, 46.8564



39.7337, 43.4423, 49.4243

Triad

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



39.5838, 43.4423, 46.8564



42.0254, 43.4423, 51.9626



42.2991, 43.4423, 43.3471

Complementary

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



39.5838, 43.4423, 46.8564



39.4838, 39.7594, 43.6254

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.



42.8877, 43.4423, 45.2399



39.5838, 43.4423, 46.8564



42.7280, 43.4423, 50.2246

Square

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



39.5838, 43.4423, 46.8564



41.1350, 43.4423, 52.4336



43.0458, 43.4423, 47.7490



41.4466, 43.4423, 42.5153

Rectangle

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



39.5838, 43.4423, 46.8564



40.0709, 43.4423, 50.8993



43.0458, 43.4423, 47.7490



42.5349, 43.4423, 43.8769

Sweetspot

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



39.5850, 43.4441, 46.8574



75.0488, 79.8870, 86.7855



39.6072, 43.5543, 42.3962



16.6466, 17.7088, 19.2405



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.



39.5850, 43.4441, 46.8574



69.4576, 77.0849, 82.8973



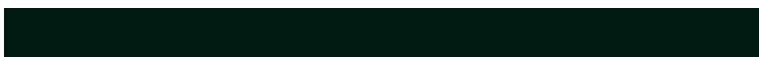
39.5104, 42.6564, 48.8011



8.6290, 9.5861, 10.3062



13.9877, 23.8210, 17.4697



0.4648, 0.7594, 0.6795

Inverse Universe

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



39.4838, 39.7594, 43.6254



69.2322, 68.8757, 75.6971



39.5482, 40.4850, 41.8069



8.6005, 8.5469, 9.3947



13.6519, 6.9783, 3.3271



0.4563, 0.2303, 0.2458

Previews

White Background



This preview shows how the XYZ color 39.5838, 43.4423, 46.8564 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 39.5838, 43.4423, 46.8564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

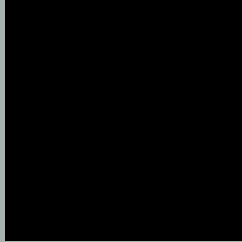
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

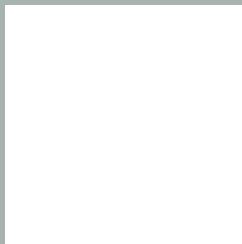
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.5838, 43.4423, 46.8564

Background



This preview shows how black text looks on a background with the XYZ color 39.5838, 43.4423, 46.8564.



This preview shows how white text looks on a background with the XYZ color 39.5838, 43.4423,

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

39.5838, 43.4423, 46.8564

Protanopia

41.6952, 43.3804, 45.7108

Deuteranopia

44.0488, 43.1302, 47.5983



Tritanopia

41.4883, 43.6409, 55.5271

Trichromacy



Original Color

39.5838, 43.4423, 46.8564

Protanomaly

40.8445, 43.2206, 46.2341

Deuteranomaly

42.3085, 43.0890, 47.1614

Tritanomaly

40.8258, 43.6684, 52.1760

Monochromacy



Original Color

39.5838, 43.4423, 46.8564

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.2765, 42.9165, 46.7184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5838, 43.4423, 46.8564 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, 179, 175)` looks like.

```
.text, #text, p{  
    color:rgb(166, 179, 175)  
}
```

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, 179, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 179, 175) }
```

Border

The CSS property to change the border of an element to XYZ 39.5838, 43.4423, 46.8564 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, 179, 175) }
```


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

```
.border{ border-color:rgb(166, 179, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 179, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 179, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 179, 175);  
box-shadow:4px 4px 4px 4px rgb(166, 179,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5838, 43.4423, 46.8564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 179, 175) }
```

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

```
.background{ background-color: rgb(166,  
179, 175) }
```

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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