

Converting Colors

XYZ(39.2680, 44.7342, 47.1705)

Have a look what the booklet for
XYZ(39.2680, 44.7342, 47.1705)
contains.

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Color

**XYZ(39.3756, 44.8497,
47.1390)**

Conversions

Conversions Part 1

Format	Color
Hex	A0B8AF
RGB	160, 184, 175
RGB Percent	63%, 72%, 69%
CMY	0.3725, 0.2784, 0.3137
CMYK	0.13, 0.00, 0.05, 0.28
HSL	157°, 14%, 67%
HSV	157°, 13%, 72%
XYZ	39.3756, 44.8497, 47.1390
YIQ	175.7980, -11.4150, -7.8870

Conversions

Conversions Part 2

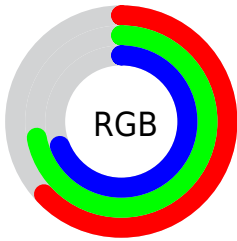
Format	Color
RYB	160, 175, 184
Decimal	10533039
CIELab	72.79, -9.99, 1.79
CIELCh	73, 10.153, 169.835
Yxy	44.8497, 0.2997, 0.3414
Android (android.graphics.Color)	4288723119 (0xFFA0B8AF)
YUV	175.7980, -0.3934, -13.8548
Hunter-Lab	66.9699, -12.2466, 5.1457

Details

The XYZ color **39.3756, 44.8497, 47.1390** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.5011, 38.1978, 42.8292**, and the grayscale version is **41.1689, 43.3129, 47.1677**.

A 20% lighter version of the original color is **73.4673, 82.4804, 86.9111**, and **17.8758, 20.8508, 21.8213** is the 20% darker color. If you saturate the color by 10%, you get **35.3056, 42.8291, 43.5006**, and if you desaturate by 10%, it is **44.0273, 47.1686, 50.9873**.

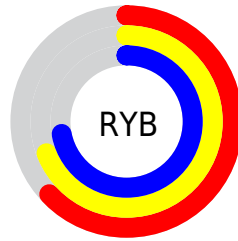
Distribution



Red (63%)

Green (72%)

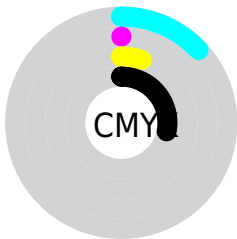
Blue (69%)



Red (63%)

Yellow (69%)

Blue (72%)

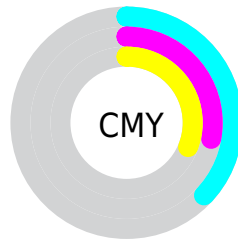


Cyan (13%)

Magenta (0%)

Yellow (5%)

Black (28%)



Cyan (37%)

Magenta (28%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3756, 44.8497, 47.1390 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 39.3756, 44.8497, 47.1390 by changing the saturation by 10% instead.

■ 39.3756, 44.8497,
47.1390

■ 39.3756, 44.8497,
47.1390

334.6645,
366.1645, 391.7789

■ 27.2341, 31.3391,
32.7904

■ 73.5022, 82.4948,
87.2732

■ 17.8866, 20.8572,
21.6961

■ 96.2179, 107.3981,
113.8959

■ 10.9678, 13.0196,
13.4376

123.1891,
136.8677, 145.4471

■ 6.1123, 7.4421,
7.5963

154.7811,
171.2880, 182.3453

■ 2.9548, 3.7401,
3.7537

191.3593,
211.0435, 225.0090

■ 1.1299, 1.5293,
1.4912

233.2891,

■ 0.0499, 0.3092,

256.5184, 273.8569

0.2114

280.9357,
308.0973, 329.3073

■ 0.0000, 0.0000,
0.0000

■ 39.3756, 44.8497,
47.1390

■ 39.3756, 44.8497,
47.1390

■ 35.3056, 42.8291,
43.5006

■ 44.0273, 47.1686,
50.9873

■ 31.7890, 41.0886,
40.0655

■ 49.2797, 49.7919,
55.0463

■ 28.8011, 39.6168,
36.8305

■ 55.1556, 52.7326,
59.3206

■ 26.3136, 38.3991,
33.7916

■ 61.6756, 56.0011,
63.8135

■ 24.2953, 37.4196,
30.9446

■ 68.8593, 59.6075,
68.5285

■ 22.7117, 36.6605,
28.2847

■ 70.8291, 60.5217,
73.1930

■ 21.5231, 36.1013,
25.8071

■ 71.7427, 60.8872,
78.0038

■ 20.6817, 35.7176,
23.5066

■ 72.6942, 61.2678,
83.0145

■ 20.2352, 35.5202,
22.0060

■ 73.6841, 61.6638,
88.2274

Harmonies

Analogous

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



40.0881, 44.8497, 42.8315



39.3756, 44.8497, 47.1390



39.5161, 44.8497, 52.2050

Triad

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



39.3756, 44.8497, 47.1390



43.7897, 44.8497, 58.5548



44.8540, 44.8497, 41.7792

Complementary

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



39.3756, 44.8497, 47.1390



39.5011, 38.1978, 42.8292

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.



45.8997, 44.8497, 45.6108



39.3756, 44.8497, 47.1390



45.2736, 44.8497, 55.3720

Square

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



39.3756, 44.8497, 47.1390



42.0324, 44.8497, 59.0345



46.0554, 44.8497, 50.5685



43.2298, 44.8497, 39.8814

Rectangle

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



39.3756, 44.8497, 47.1390



40.0760, 44.8497, 55.3253



46.0554, 44.8497, 50.5685



45.2867, 44.8497, 42.8708

Sweetspot

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



39.3769, 44.8516, 47.1400



78.8963, 85.0474, 91.6935



39.8923, 45.2782, 39.8955



16.8658, 18.2633, 19.6522



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.



39.3769, 44.8516, 47.1400



68.8866, 80.0629, 83.2828



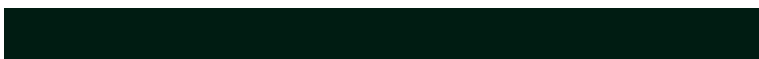
39.7150, 44.0653, 51.7618



9.1200, 10.1520, 10.7891



13.9804, 24.4931, 15.3509



0.5218, 0.8750, 0.6937

Inverse Universe

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



39.5011, 38.1978, 42.8292



69.1614, 65.3526, 73.7539



39.1755, 38.8531, 38.6931



9.1402, 9.0664, 10.0857



14.3958, 7.3321, 4.7053



0.5379, 0.2706, 0.3261

Previews

White Background



This preview shows how the XYZ color 39.3756, 44.8497, 47.1390 looks on a white background.

Color Contrast Check

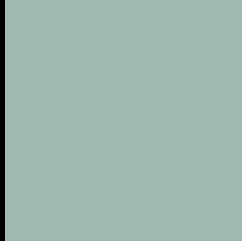
Large Text (above 18pt) WCAG AA × Fail

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 39.3756, 44.8497, 47.1390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

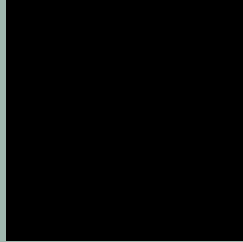
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.3756, 44.8497, 47.1390

Background



This preview shows how black text looks on a background with the XYZ color 39.3756, 44.8497, 47.1390.



This preview shows how white text looks on a background with the XYZ color 39.3756, 44.8497,

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

39.3756, 44.8497, 47.1390

Protanopia

42.7995, 44.8483, 44.9289

Deuteranopia

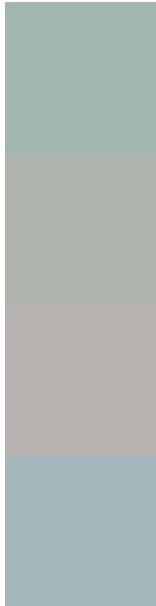
45.6443, 44.7972, 47.8360



Tritanopia

41.6840, 44.8804, 58.0956

Trichromacy



Original Color

39.3756, 44.8497, 47.1390

Protanomaly

41.4468, 44.7350, 45.4800

Deuteranomaly

43.0871, 44.6461, 47.4209

Tritanomaly

40.9093, 44.8733, 54.0822

Monochromacy



Original Color

39.3756, 44.8497, 47.1390

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.5341, 43.9208, 47.4155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3756, 44.8497, 47.1390 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(160, 184, 175)` looks like.

```
.text, #text, p{  
    color:rgb(160, 184, 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(160, 184, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 184, 175) }
```

Border

The CSS property to change the border of an element to XYZ 39.3756, 44.8497, 47.1390 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(160, 184, 175) }
```


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

```
.border{ border-color:rgb(160, 184, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 184, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 184, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 184, 175);  
box-shadow:4px 4px 4px 4px rgb(160, 184,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3756, 44.8497, 47.1390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 184, 175) }
```

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

```
.background{ background-color: rgb(160,  
184, 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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