

Converting Colors

XYZ(41.1835, 45.5321, 39.9191)

Have a look what the booklet for
XYZ(41.1835, 45.5321, 39.9191)
contains.

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Color

**XYZ(41.1831, 45.6351,
39.8956)**

Conversions

Conversions Part 1

Format	Color
Hex	B0B7A0
RGB	176, 183, 160
RGB Percent	69%, 72%, 63%
CMY	0.3098, 0.2823, 0.3725
CMYK	0.04, 0.00, 0.13, 0.28
HSL	78°, 14%, 67%
HSV	78°, 13%, 72%
XYZ	41.1831, 45.6351, 39.8956
YIQ	178.2850, 3.2110, -8.6370

Conversions

Conversions Part 2

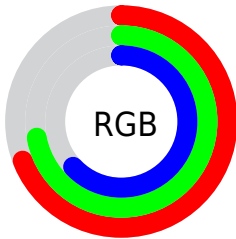
Format	Color
RYB	160, 183, 167
Decimal	11581344
CIELab	73.31, -6.60, 10.86
CIELCh	73, 12.710, 121.263
Yxy	45.6351, 0.3250, 0.3601
Android (android.graphics.Color)	4289771424 (0xFFB0B7A0)
YUV	178.2850, -9.0145, -2.0039
Hunter-Lab	67.5538, -9.3993, 12.2724

Details

The XYZ color **41.1831, 45.6351, 39.8956** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **37.0562, 36.7773, 49.9478**, and the grayscale version is **42.5139, 44.7279, 48.7087**.

A 20% lighter version of the original color is **76.4110, 83.7951, 76.4368**, and **18.9113, 21.2803, 17.5788** is the 20% darker color. If you saturate the color by 10%, you get **38.4649, 44.4067, 32.0177**, and if you desaturate by 10%, it is **44.1912, 46.9884, 49.0191**.

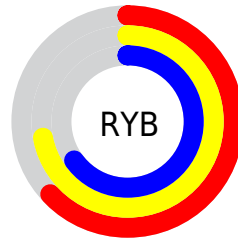
Distribution



Red (69%)

Green (72%)

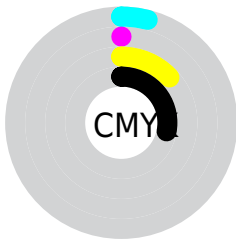
Blue (63%)



Red (63%)

Yellow (72%)

Blue (65%)

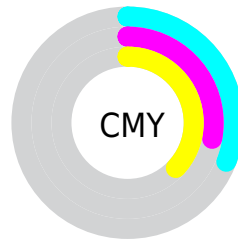


Cyan (4%)

Magenta (0%)

Yellow (13%)

Black (28%)



Cyan (31%)

Magenta (28%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1831, 45.6351, 39.8956 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 41.1831, 45.6351, 39.8956 by changing the saturation by 10% instead.

■ 41.1831, 45.6351,
39.8956

■ 41.1831, 45.6351,
39.8956

342.1348,
369.3397, 361.2223

■ 28.6505, 31.9580,
27.1440

■ 76.2347, 83.6726,
76.2399

■ 18.9595, 21.3294,
17.4480

■ 99.4844, 108.8018,
100.6696

■ 11.7449, 13.3650,
10.3891

127.0372,
138.5171, 129.8291

■ 6.6412, 7.6804,
5.5487

159.2585,
173.2030, 164.1369

■ 3.2830, 3.8911,
2.5084

196.5135,
213.2438, 204.0116

■ 1.3051, 1.6128,
0.8446

239.1676,

■ 0.1871, 0.3662,

259.0239, 249.8717

0.0000

287.5863,
310.9277, 302.1358

■ 0.0000, 0.0000,
0.0000

■ 41.1831, 45.6351,
39.8956

■ 41.1831, 45.6351,
39.8956

■ 38.4649, 44.4067,
32.0177

■ 44.1912, 46.9884,
49.0191

■ 36.0220, 43.2929,
25.3285

■ 47.4958, 48.4648,
59.4361

■ 33.8440, 42.2908,
19.7708


■ 51.1078, 50.0703,
71.1954


■ 31.9183, 41.3955,
15.2818


■ 55.0363, 51.8086,
84.3425


■ 30.2313, 40.6013,
11.7926


■ 59.2901, 53.6833,
98.9206


 28.7676, 39.9020,
9.2258


 61.4014, 54.7073,
101.9311

 27.5098, 39.2906,
7.4932

 63.0100, 55.5365,
102.0064

 26.4370, 38.7587,
6.4891

 64.6743, 56.3945,
102.0843

 25.7293, 38.4027,
6.0564

 66.3949, 57.2815,
102.1648

Harmonies

Analogous

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



43.2802, 45.6351, 38.3745



41.1831, 45.6351, 39.8956



39.7156, 45.6351, 44.0046

Triad

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



41.1831, 45.6351, 39.8956



41.3417, 45.6351, 61.2777



47.8135, 45.6351, 49.4182

Complementary

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



41.1831, 45.6351, 39.8956



37.0562, 36.7773, 49.9478

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.



47.2522, 45.6351, 55.8427



41.1831, 45.6351, 39.8956



43.4695, 45.6351, 63.0336

Square

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



41.1831, 45.6351, 39.8956



39.8049, 45.6351, 56.3520



45.6429, 45.6351, 60.9664



47.1520, 45.6351, 43.5729

Rectangle

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



41.1831, 45.6351, 39.8956



39.2653, 45.6351, 47.8431



45.6429, 45.6351, 60.9664



47.7614, 45.6351, 51.5815

Sweetspot

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



41.1843, 45.6371, 39.8966



78.3023, 83.7748, 85.1977



39.6756, 40.2076, 38.9281



17.2023, 18.4619, 18.5339



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.



41.1843, 45.6371, 39.8966



72.4026, 81.1200, 67.4569



38.7141, 44.3636, 39.7810



9.4768, 10.3625, 9.6076



18.0205, 26.8262, 4.2282



0.6951, 0.9765, 0.1519

Inverse Universe

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



37.0562, 36.7773, 49.9478



63.5988, 62.2241, 88.8941



39.5717, 38.0740, 50.0655



8.7714, 8.8485, 11.3251



7.1517, 2.9980, 31.4548



0.3171, 0.1392, 1.1119

Previews

White Background



This preview shows how the XYZ color 41.1831, 45.6351, 39.8956 looks on a white background.

Color Contrast Check

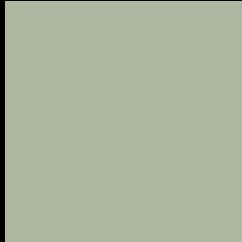
Large Text (above 18pt) WCAG AA × Fail

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 41.1831, 45.6351, 39.8956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

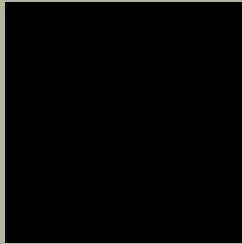
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

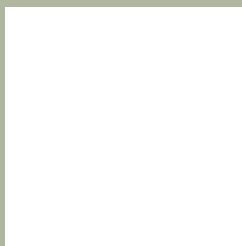
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.1831, 45.6351, 39.8956

Background



This preview shows how black text looks on a background with the XYZ color 41.1831, 45.6351, 39.8956.



This preview shows how white text looks on a background with the XYZ color 41.1831, 45.6351,

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

41.1831, 45.6351, 39.8956

Protanopia

43.0307, 45.4002, 38.8429

Deuteranopia

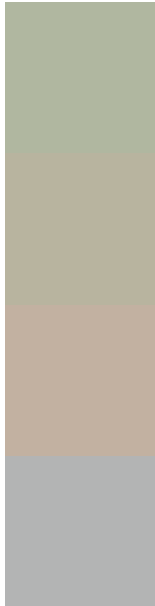
46.3670, 45.3331, 40.4888



Tritanopia

44.4909, 45.4703, 56.3009

Trichromacy



Original Color

41.1831, 45.6351, 39.8956

Protanomaly

42.3464, 45.3361, 39.3197

Deuteranomaly

44.4033, 45.4868, 40.1577

Tritanomaly

43.1499, 45.5215, 49.6923

Monochromacy



Original Color

41.1831, 45.6351, 39.8956

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.8034, 44.9299, 44.9971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1831, 45.6351, 39.8956 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(176, 183, 160)` looks like.

```
.text, #text, p{  
    color:rgb(176, 183, 160)  
}
```

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(176, 183, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 183, 160) }
```

Border

The CSS property to change the border of an element to XYZ 41.1831, 45.6351, 39.8956 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(176, 183, 160) }
```


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

```
.border{ border-color:rgb(176, 183, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 183, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 183, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 183, 160);  
box-shadow:4px 4px 4px 4px rgb(176, 183,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1831, 45.6351, 39.8956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 183, 160) }
```

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

```
.background{ background-color: rgb(176,  
183, 160) }
```

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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