

Converting Colors

XYZ(41.0705, 41.4080, 43.3667)

Have a look what the booklet for
XYZ(41.0705, 41.4080, 43.3667)
contains.

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Color

**XYZ(41.1166, 41.4309,
43.3660)**

Conversions

Conversions Part 1

Format	Color
Hex	B8A9A9
RGB	184, 169, 169
RGB Percent	72%, 66%, 66%
CMY	0.2784, 0.3372, 0.3373
CMYK	0.00, 0.08, 0.08, 0.28
HSL	0°, 10%, 69%
HSV	0°, 8%, 72%
XYZ	41.1166, 41.4309, 43.3660
YIQ	173.4850, 8.9400, 3.1800

Conversions

Conversions Part 2

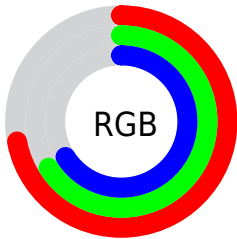
Format	Color
RYB	184, 169, 169
Decimal	12102057
CIELab	70.48, 5.40, 1.95
CIELCh	70, 5.745, 19.822
Yxy	41.4309, 0.3265, 0.3290
Android (android.graphics.Color)	4290292137 (0xFFB8A9A9)
YUV	173.4850, -2.2111, 9.2217
Hunter-Lab	64.3668, 1.3812, 5.1112

Details

The XYZ color **41.1166, 41.4309, 43.3660** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.1543, 46.1759, 52.0390**, and the grayscale version is **39.9769, 42.0588, 45.8020**.

A 20% lighter version of the original color is **76.0454, 77.2184, 81.4176**, and **18.9322, 18.8322, 19.4668** is the 20% darker color. If you saturate the color by 10%, you get **36.3247, 34.4193, 33.8377**, and if you desaturate by 10%, it is **46.6355, 49.5064, 54.3370**.

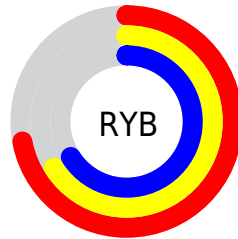
Distribution



Red (72%)

Green (66%)

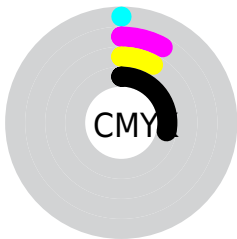
Blue (66%)



Red (72%)

Yellow (66%)

Blue (66%)

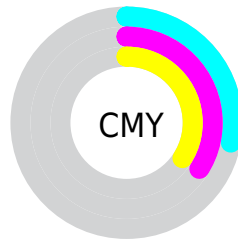


Cyan (0%)

Magenta (8%)

Yellow (8%)

Black (28%)



Cyan (28%)

Magenta (34%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1166, 41.4309, 43.3660 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 41.1166, 41.4309, 43.3660 by changing the saturation by 10% instead.

■ 41.1166, 41.4309,
43.3660

■ 41.1166, 41.4309,
43.3660

341.8620,
352.1183, 376.0801

■ 28.5983, 28.6559,
29.8389

■ 76.1345, 77.3376,
81.5552

■ 18.9199, 18.8207,
19.4653

■ 99.3647, 101.2381,
107.0542

■ 11.7161, 11.5408,
11.8268

126.8963,
129.6159, 137.3811

■ 6.6215, 6.4318,
6.5047

159.0946,
162.8554, 172.9542

■ 3.2707, 3.1094,
3.0806

196.3250,
201.3410, 214.1921

■ 1.2985, 1.1891,
1.1360

238.9527,

■ 0.1821, 0.0528,

245.4571, 261.5134

0.0000

287.3433,
295.5881, 315.3365

■ 0.0000, 0.0000,
0.0000

■ 41.1166, 41.4309,
43.3660

■ 41.1166, 41.4309,
43.3660

■ 36.3247, 34.4193,
33.8377

■ 46.6355, 49.5064,
54.3370

■ 32.2262, 28.4222,
25.6895

■ 52.9062, 58.6818,
66.8044

■ 28.7900, 23.3941,
18.8584

■ 59.9567, 68.9981,
80.8223

■ 25.9814, 19.2844,
13.2751

■ 67.8125, 80.4926,
96.4415

■ 23.7626, 16.0375,
8.8644

■ 73.5774, 88.9305,
107.8951

■ 22.0914, 13.5920,
5.5427

■ 20.9205, 11.8784,
3.2155

■ 20.1941, 10.8152,
1.7722

■ 19.8234, 10.2726,
1.0356

Harmonies

Analogous

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



41.1982, 41.4309, 46.0389



41.1166, 41.4309, 43.3660



40.5652, 41.4309, 41.2433

Triad

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



41.1166, 41.4309, 43.3660



38.0040, 41.4309, 41.8301



39.0580, 41.4309, 50.4406

Complementary

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



41.1166, 41.4309, 43.3660



42.1543, 46.1759, 52.0390

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.



38.2158, 41.4309, 49.2136



41.1166, 41.4309, 43.3660



37.6138, 41.4309, 44.1961

Square

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



41.1166, 41.4309, 43.3660



38.7646, 41.4309, 40.3815



37.6907, 41.4309, 46.9026



39.9995, 41.4309, 50.1965

Rectangle

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



41.1166, 41.4309, 43.3660



40.0102, 41.4309, 40.3917



37.6907, 41.4309, 46.9026



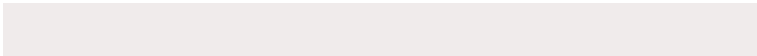
38.7541, 41.4309, 50.1847

Sweetspot

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



41.1178, 41.4327, 43.3669



80.4970, 83.8290, 90.4640



42.6074, 42.0276, 51.2144



17.3768, 18.1059, 19.5485



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.



41.1178, 41.4327, 43.3669



72.6813, 72.3930, 74.9254



42.5527, 44.3026, 43.8452



9.0048, 9.0125, 9.3719



13.6238, 7.0239, 0.6377



0.4803, 0.2477, 0.0225

Inverse Universe

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



42.1543, 46.1759, 52.0390



74.9931, 82.9718, 94.2672



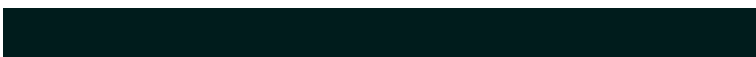
40.6380, 43.1434, 51.5336



9.2665, 10.2103, 11.5618



17.7700, 25.9996, 35.3349



0.6265, 0.9167, 1.2457

Previews

White Background



This preview shows how the XYZ color 41.1166, 41.4309, 43.3660 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 41.1166, 41.4309, 43.3660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

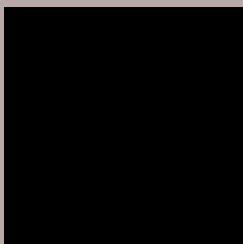
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

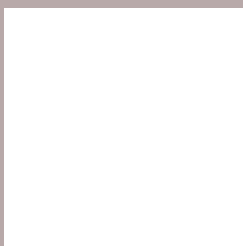
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.1166, 41.4309, 43.3660

Background



This preview shows how black text looks on a background with the XYZ color 41.1166, 41.4309, 43.3660.



This preview shows how white text looks on a background with the XYZ color 41.1166, 41.4309,

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

41.1166, 41.4309, 43.3660

Protanopia

39.9127, 41.6374, 43.9634

Deuteranopia

42.2154, 41.4492, 43.3116



Tritanopia

42.3066, 41.3718, 48.9358

Trichromacy



Original Color

41.1166, 41.4309, 43.3660

Protanomaly

40.4090, 41.6118, 43.9323

Deuteranomaly

41.9031, 41.5612, 43.3497

Tritanomaly

41.8467, 41.4541, 46.8702

Monochromacy



Original Color

41.1166, 41.4309, 43.3660

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.3304, 41.8307, 44.9782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.1166, 41.4309, 43.3660 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(184, 169, 169)` looks like.

```
.text, #text, p{  
    color:rgb(184, 169, 169)  
}
```

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(184, 169, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 169, 169) }
```

Border

The CSS property to change the border of an element to XYZ 41.1166, 41.4309, 43.3660 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(184, 169, 169) }
```


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

```
.border{ border-color:rgb(184, 169, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 169, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 169, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 169, 169);  
box-shadow:4px 4px 4px 4px rgb(184, 169,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 41.1166, 41.4309, 43.3660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 169, 169) }
```

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

```
.background{ background-color: rgb(184,  
169, 169) }
```

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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