

Converting Colors

XYZ(40.2505, 38.5032, 45.1703)

Have a look what the booklet for
XYZ(40.2505, 38.5032, 45.1703)
contains.

| | |
|--|----|
| XYZ(40.2184, 38.5119, 45.3582) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(40.2184, 38.5119,
45.3582)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B9A0AE |
| RGB | 185, 160, 174 |
| RGB Percent | 73%, 63%, 68% |
| CMY | 0.2745, 0.3725, 0.3176 |
| CMYK | 0.00, 0.14, 0.06, 0.27 |
| HSL | 326°, 15%, 68% |
| HSV | 326°, 14%, 73% |
| XYZ | 40.2184, 38.5119, 45.3582 |
| YIQ | 169.0710, 10.4060, 9.6540 |

Conversions

Conversions Part 2

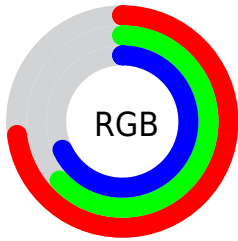
| Format | Color |
|-------------------------------------|--|
| RYB | 185, 160, 174 |
| Decimal | 12165294 |
| CIELab | 68.40, 11.60, -3.86 |
| CIELCh | 68, 12.223, 341.598 |
| Yxy | 38.5119, 0.3241, 0.3104 |
| Android (android.graphics.Color) | 4290355374 (0xFFB9A0AE) |
| YUV | 169.0710, 2.4300, 13.9697 |
| Hunter-Lab | 62.0580, 7.0805, 0.1055 |

Details

The XYZ color **40.2184, 38.5119, 45.3582** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.1984, 45.1129, 45.1720**, and the grayscale version is **37.7329, 39.6979, 43.2310**.

A 20% lighter version of the original color is **74.7189, 72.9588, 84.2731**, and **18.3911, 17.0358, 20.7313** is the 20% darker color. If you saturate the color by 10%, you get **36.4773, 32.2613, 40.3136**, and if you desaturate by 10%, it is **44.4870, 45.7396, 50.8170**.

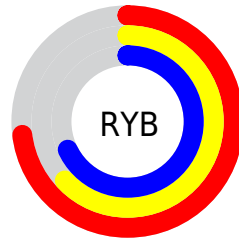
Distribution



Red (73%)

Green (63%)

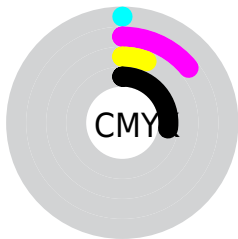
Blue (68%)



Red (73%)

Yellow (63%)

Blue (68%)

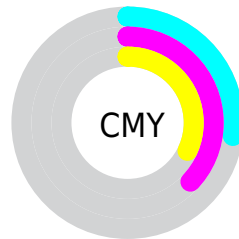


Cyan (0%)

Magenta (14%)

Yellow (6%)

Black (27%)



Cyan (27%)

Magenta (37%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.2184, 38.5119, 45.3582 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 40.2184, 38.5119, 45.3582 by changing the saturation by 10% instead.

■ 40.2184, 38.5119,
45.3582

■ 40.2184, 38.5119,
45.3582

338.1619,
339.8108, 384.4247

■ 27.8938, 26.3802,
31.3947

■ 74.7782, 72.8921,
84.5818

■ 18.3857, 17.1083,
20.6386

■ 97.7441, 95.9094,
110.6790

■ 11.3286, 10.3117,
12.6714

124.9879,
123.3240, 141.6577

■ 6.3572, 5.6061,
7.0746

156.8749,
155.5203, 177.9366

■ 3.1062, 2.6071,
3.4297

193.7704,
192.8828, 219.9343

■ 1.2102, 0.9302,
1.3180

236.0399,

■ 0.1144, 0.0000,

235.7958, 268.0691

0.0765

284.0486,
284.6436, 322.7597

■ 0.0000, 0.0000,
0.0000

■ 40.2184, 38.5119,
45.3582

■ 40.2184, 38.5119,
45.3582

■ 36.4773, 32.2613,
40.3136

■ 44.4870, 45.7396,
50.8170

■ 33.2387, 26.9403,
35.6691

■ 49.3004, 53.9791,
56.6983

■ 30.4801, 22.5053,
31.4137

■ 54.6791, 63.2696,
63.0135

■ 28.1762, 18.9067,
27.5343

■ 60.6415, 73.6466,
69.7725

■ 26.2992, 16.0905,
24.0171

■ 67.2051, 85.1440,
76.9850

■ 24.8179, 13.9960,
20.8472

■ 69.0666, 87.1539,
82.8868

■ 23.6966, 12.5533,
18.0078

■ 70.1901, 87.6033,
88.8029

■ 22.8928, 11.6788,
15.4795

■ 71.3671, 88.0741,
95.0008

■ 22.4858, 11.3056,
13.9848

■ 72.5983, 88.5666,
101.4841

Harmonies

Analogous

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



39.1091, 38.5119, 50.3424



40.2184, 38.5119, 45.3582



40.3392, 38.5119, 39.8441

Triad

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



40.2184, 38.5119, 45.3582



35.8676, 38.5119, 32.4096



33.9138, 38.5119, 49.3472

Complementary

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



40.2184, 38.5119, 45.3582



39.1984, 45.1129, 45.1720

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.



33.1075, 38.5119, 44.0935



40.2184, 38.5119, 45.3582



34.2090, 38.5119, 34.5163

Square

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



40.2184, 38.5119, 45.3582



37.7817, 38.5119, 32.6838



33.2137, 38.5119, 38.6846



35.4519, 38.5119, 52.7805

Rectangle

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



40.2184, 38.5119, 45.3582



39.8381, 38.5119, 36.6362



33.2137, 38.5119, 38.6846



33.5507, 38.5119, 47.7170

Sweetspot

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



40.2195, 38.5136, 45.3590



79.2264, 81.1548, 90.4507



38.0876, 37.2855, 51.0890



16.9496, 17.2742, 19.3363



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.



40.2195, 38.5136, 45.3590



70.0967, 65.7267, 78.6789



39.0718, 38.0545, 39.3152



9.2095, 9.0942, 10.4505



15.3477, 7.7128, 9.7178



0.5716, 0.2841, 0.5035

Inverse Universe

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



40.2195, 38.5136, 45.3590



70.0967, 65.7267, 78.6789



40.4294, 45.6053, 51.6544



9.2095, 9.0942, 10.4505



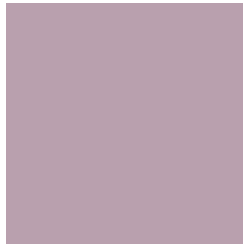
15.3477, 7.7128, 9.7178



0.5716, 0.2841, 0.5035

Previews

White Background



This preview shows how the XYZ color 40.2184, 38.5119, 45.3582 looks on a white background.

Color Contrast Check

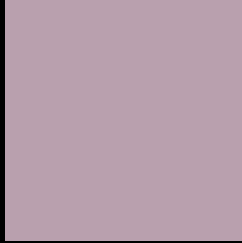
Large Text (above 18pt) WCAG AA × Fail

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 40.2184, 38.5119, 45.3582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

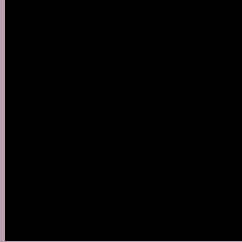
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.2184, 38.5119, 45.3582

Background



This preview shows how black text looks on a background with the XYZ color 40.2184, 38.5119, 45.3582.



This preview shows how white text looks on a background with the XYZ color 40.2184, 38.5119,

45.3582.

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

40.2184, 38.5119, 45.3582

Protanopia

37.6084, 38.7023, 47.6076

Deuteranopia

39.3827, 38.6000, 45.4192



Tritanopia

40.1212, 38.4730, 44.8466

Trichromacy



Original Color

40.2184, 38.5119, 45.3582

Protanomaly

38.6668, 38.7239, 47.0315

Deuteranomaly

39.6763, 38.4908, 45.3827

Tritanomaly

40.1212, 38.4730, 44.8466

Monochromacy



Original Color

40.2184, 38.5119, 45.3582

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.6661, 39.3267, 44.0810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2184, 38.5119, 45.3582 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(185, 160, 174)` looks like.

```
.text, #text, p{  
    color:rgb(185, 160, 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(185, 160, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 160, 174) }
```

Border

The CSS property to change the border of an element to XYZ 40.2184, 38.5119, 45.3582 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(185, 160, 174) }
```


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

```
.border{ border-color:rgb(185, 160, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 160, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 160, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 160, 174);  
box-shadow:4px 4px 4px 4px rgb(185, 160,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2184, 38.5119, 45.3582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 160, 174) }
```

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

```
.background{ background-color: rgb(185,  
160, 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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