

Converting Colors

XYZ(38.4545, 38.9255, 45.0224)

Have a look what the booklet for
XYZ(38.4545, 38.9255, 45.0224)
contains.

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Color

**XYZ(38.4535, 38.9261,
45.0219)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA5AD
RGB	174, 165, 173
RGB Percent	68%, 65%, 68%
CMY	0.3176, 0.3529, 0.3216
CMYK	0.00, 0.05, 0.01, 0.32
HSL	307°, 5%, 66%
HSV	307°, 5%, 68%
XYZ	38.4535, 38.9261, 45.0219
YIQ	168.6030, 2.7960, 4.3960

Conversions

Conversions Part 2

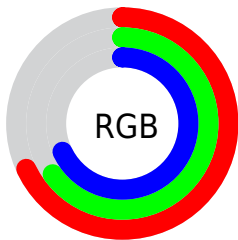
Format	Color
RYB	174, 165, 173
Decimal	11445677
CIELab	68.70, 4.73, -2.97
CIELCh	69, 5.581, 327.861
Yxy	38.9261, 0.3142, 0.3180
Android (android.graphics.Color)	4289635757 (0xFFAEA5AD)
YUV	168.6030, 2.1677, 4.7332
Hunter-Lab	62.3908, 0.8316, 0.8892

Details

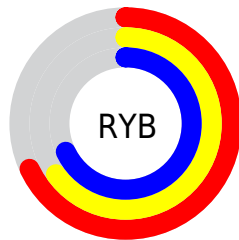
The XYZ color **38.4535, 38.9261, 45.0219** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.5375, 41.0256, 42.0187**, and the grayscale version is **37.5057, 39.4589, 42.9707**.

A 20% lighter version of the original color is **71.9099, 73.4458, 83.7852**, and **17.3824, 17.3283, 20.5177** is the 20% darker color. If you saturate the color by 10%, you get **35.3408, 32.9975, 43.0682**, and if you desaturate by 10%, it is **41.9981, 45.7132, 47.1339**.

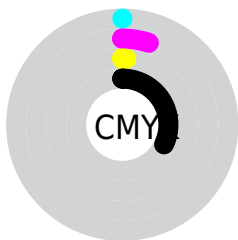
Distribution



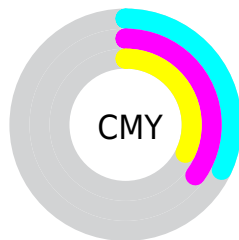
- Red (68%)
- Green (65%)
- Blue (68%)



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



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (32%)



- Cyan (32%)
- Magenta (35%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.4535, 38.9261, 45.0219 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 38.4535, 38.9261, 45.0219 by changing the saturation by 10% instead.

■ 38.4535, 38.9261,
45.0219

■ 38.4535, 38.9261,
45.0219

330.8087,
341.5762, 383.0250

■ 26.5137, 26.7022,
31.1316

■ 72.1021, 73.5254,
84.0721

■ 17.3430, 17.3497,
20.4398

■ 94.5416, 96.6697,
110.0690

■ 10.5762, 10.4842,
12.5279

121.2117,
124.2228, 140.9386

■ 5.8478, 5.7211,
6.9774

152.4778,
156.5693, 177.0994

■ 2.7925, 2.6763,
3.3697

188.7052,
194.0935, 218.9699

■ 1.0450, 0.9652,
1.2864

230.2592,

■ 0.0000, 0.0000,

237.1798, 266.9686

0.0506

277.5053,
286.2125, 321.5141

■ 0.0000, 0.0000,
0.0000

■ 38.4535, 38.9261,
45.0219

■ 38.4535, 38.9261,
45.0219

■ 35.3408, 32.9975,
43.0682

■ 41.9981, 45.7132,
47.1339

■ 32.6395, 27.8880,
41.2644

■ 45.9875, 53.3859,
49.4072

■ 30.3326, 23.5628,
39.6053

■ 50.4381, 61.9767,
51.8476

■ 28.4002, 19.9825,
38.0843

■ 55.3645, 71.5147,
54.4602

■ 26.8211, 17.1044,
36.6942

■ 60.7807, 82.0278,
57.2496

■ 25.5716, 14.8814,
35.4271

■ 61.9310, 84.0049,
58.6307

■ 24.6254, 13.2607,
34.2741

■ 62.1360, 84.0869,
59.7104

■ 23.9520, 12.1814,
33.2250

■ 62.3439, 84.1700,
60.8047

■ 23.5136, 11.5679,
32.2671

■ 62.5545, 84.2543,
61.9138

Harmonies

Analogous

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



37.7967, 38.9261, 46.8268



38.4535, 38.9261, 45.0219



38.7197, 38.9261, 42.5656

Triad

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



38.4535, 38.9261, 45.0219



37.0615, 38.9261, 37.7110



35.5182, 38.9261, 44.6956

Complementary

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



38.4535, 38.9261, 45.0219



37.5375, 41.0256, 42.0187

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.



35.3283, 38.9261, 42.2028



38.4535, 38.9261, 45.0219



36.2108, 38.9261, 38.2313

Square

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



38.4535, 38.9261, 45.0219



37.9081, 38.9261, 38.4009



35.5799, 38.9261, 39.8510



36.1028, 38.9261, 46.6332

Rectangle

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



38.4535, 38.9261, 45.0219



38.6367, 38.9261, 40.9109



35.5799, 38.9261, 39.8510



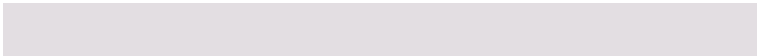
35.4065, 38.9261, 43.8918

Sweetspot

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



38.4546, 38.9278, 45.0227



71.6821, 74.2994, 82.8356



36.8018, 38.0645, 45.4524



15.9474, 16.5431, 18.4203



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.4546, 38.9278, 45.0227



69.1911, 69.5391, 81.3225



38.0359, 38.7603, 42.8178



8.4983, 8.5143, 10.0050



16.9448, 8.2405, 23.1527



0.4821, 0.2335, 0.7003

Inverse Universe

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



38.4546, 38.9278, 45.0227



69.1911, 69.5391, 81.3225



37.9480, 41.1898, 44.1804



8.4983, 8.5143, 10.0050



16.9448, 8.2405, 23.1527



0.4821, 0.2335, 0.7003

Previews

White Background



This preview shows how the XYZ color 38.4535, 38.9261, 45.0219 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 38.4535, 38.9261, 45.0219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

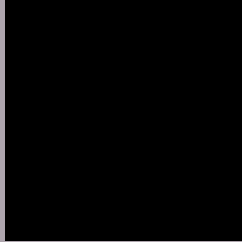
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.4535, 38.9261, 45.0219

Background



This preview shows how black text looks on a background with the XYZ color 38.4535, 38.9261, 45.0219.



This preview shows how white text looks on a background with the XYZ color 38.4535, 38.9261,

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

38.4535, 38.9261, 45.0219

Protanopia

37.8209, 39.1284, 45.6036

Deuteranopia

39.5192, 38.6815, 44.9186



Tritanopia

38.8905, 38.8392, 47.0419

Trichromacy



Original Color

38.4535, 38.9261, 45.0219

Protanomaly

38.0708, 38.9864, 45.5630

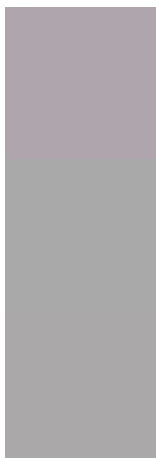
Deuteranomaly

39.0001, 38.6765, 44.9449

Tritanomaly

38.7911, 38.7995, 46.5188

Monochromacy



Original Color

38.4535, 38.9261, 45.0219

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.0529, 39.5655, 43.6615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4535, 38.9261, 45.0219 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(174, 165, 173)` looks like.

```
.text, #text, p{  
    color:rgb(174, 165, 173)  
}
```

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(174, 165, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 165, 173) }
```

Border

The CSS property to change the border of an element to XYZ 38.4535, 38.9261, 45.0219 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(174, 165, 173) }
```


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

```
.border{ border-color:rgb(174, 165, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 165, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 165, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 165, 173);  
box-shadow:4px 4px 4px 4px rgb(174, 165,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4535, 38.9261, 45.0219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 165, 173) }
```

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

```
.background{ background-color: rgb(174,  
165, 173) }
```

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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