

Converting Colors

XYZ(38.0628, 41.0438, 45.6541)

Have a look what the booklet for
XYZ(38.0628, 41.0438, 45.6541)
contains.

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Color

**XYZ(38.0034, 40.9036,
45.4274)**

Conversions

Conversions Part 1

Format	Color
Hex	A5ADAD
RGB	165, 173, 173
RGB Percent	65%, 68%, 68%
CMY	0.3529, 0.3216, 0.3216
CMYK	0.05, 0.00, 0.00, 0.32
HSL	180°, 5%, 66%
HSV	180°, 5%, 68%
XYZ	38.0034, 40.9036, 45.4274
YIQ	170.6080, -4.7680, -1.6960

Conversions

Conversions Part 2

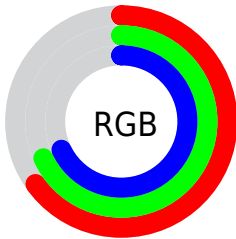
Format	Color
R _{YB}	165, 169, 173
Decimal	10857901
CIE Lab	70.11, -2.80, -0.98
CIE LCh	70, 2.970, 199.320
Yxy	40.9036, 0.3057, 0.3290
Android (android.graphics.Color)	4289047981 (0xFFA5ADAD)
YUV	170.6080, 1.1793, -4.9182
Hunter-Lab	63.9559, -5.8560, 2.6559

Details

The XYZ color **38.0034, 40.9036, 45.4274** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.4817, 38.5121, 41.0572**, and the grayscale version is **38.5091, 40.5146, 44.1204**.

A 20% lighter version of the original color is **71.2622, 76.3039, 84.3710**, and **17.0986, 18.5659, 20.7715** is the 20% darker color. If you saturate the color by 10%, you get **34.6454, 39.1737, 45.2680**, and if you desaturate by 10%, it is **41.8506, 42.8880, 45.6113**.

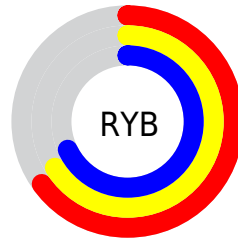
Distribution



Red (65%)

Green (68%)

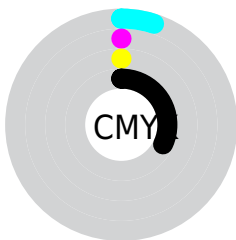
Blue (68%)



Red (65%)

Yellow (66%)

Blue (68%)

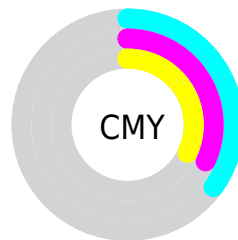


Cyan (5%)

Magenta (0%)

Yellow (0%)

Black (32%)



Cyan (35%)

Magenta (32%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0034, 40.9036, 45.4274 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 38.0034, 40.9036, 45.4274 by changing the saturation by 10% instead.

■ 38.0034, 40.9036,
45.4274

■ 38.0034, 40.9036,
45.4274

328.9152,
349.9176, 384.7123

■ 26.1626, 28.2438,
31.4488

■ 71.4172, 76.5375,
84.6866

■ 17.0786, 18.5095,
20.6795

■ 93.7209, 100.2804,
110.8044

■ 10.3862, 11.3164,
12.7010

120.2429,
128.4865, 141.8055

■ 5.7200, 6.2801,
7.0947

151.3486,
161.5400, 178.1087

■ 2.7146, 3.0161,
3.4420

187.4033,
199.8255, 220.1325

■ 1.0047, 1.1402,
1.3245

228.7724,

■ 0.0000, 0.0120,

243.7273, 268.2953

0.0818

275.8212,
293.6299, 323.0157

■ 0.0000, 0.0000,
0.0000

■ 38.0034, 40.9036,
45.4274

■ 38.0034, 40.9036,
45.4274

■ 34.6454, 39.1737,
45.2680

■ 41.8506, 42.8880,
45.6113

■ 31.7536, 37.6830,
45.1297

■ 46.2017, 45.1310,
45.8180

■ 29.3085, 36.4225,
45.0122

■ 51.0753, 47.6433,
46.0492

■ 27.2878, 35.3809,
44.9146

■ 56.4879, 50.4336,
46.3055

■ 25.6673, 34.5456,
44.8357

■ 62.4554, 53.5099,
46.5878

■ 24.4205, 33.9029,
44.7743

■ 63.7308, 54.1673,
46.6506

■ 23.5176, 33.4375,
44.7290

■ 63.7314, 54.1675,
46.6537

■ 22.9241, 33.1316,
44.6981

■ 63.7320, 54.1678,
46.6567

■ 22.5984, 32.9638,
44.6798

■ 63.7326, 54.1680,
46.6598

Harmonies

Analogous

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



37.9676, 40.9036, 44.0435



38.0034, 40.9036, 45.4274



38.2724, 40.9036, 46.5953

Triad

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



38.0034, 40.9036, 45.4274



39.5898, 40.9036, 46.3024



39.0509, 40.9036, 41.9614

Complementary

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



38.0034, 40.9036, 45.4274



37.4817, 38.5121, 41.0572

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.



39.4893, 40.9036, 42.5403



38.0034, 40.9036, 45.4274



39.8022, 40.9036, 45.0343

Square

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



38.0034, 40.9036, 45.4274



39.1873, 40.9036, 47.1078



39.7652, 40.9036, 43.6584



38.5696, 40.9036, 42.0616

Rectangle

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



38.0034, 40.9036, 45.4274



38.5489, 40.9036, 47.0853



39.7652, 40.9036, 43.6584



39.2082, 40.9036, 42.0825

Sweetspot

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



38.0046, 40.9053, 45.4283



70.4441, 74.4843, 81.4693



37.2810, 40.6191, 41.4731



15.3174, 16.1914, 17.7055



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



38.0046, 40.9053, 45.4283



67.1172, 72.7693, 81.3108



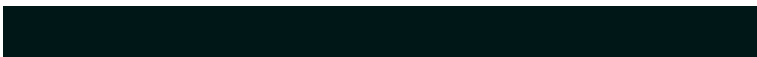
37.2737, 39.4433, 45.1860



8.4537, 9.1842, 10.2794



16.5154, 24.1714, 32.8173



0.4595, 0.6724, 0.9131

Inverse Universe

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



37.4817, 38.5121, 41.0572



65.8934, 67.1682, 71.0809



38.1897, 39.9286, 41.2920



8.2891, 8.4306, 8.9030



12.6609, 6.5269, 0.5940



0.3522, 0.1816, 0.0167

Previews

White Background



This preview shows how the XYZ color 38.0034, 40.9036, 45.4274 looks on a white background.

Color Contrast Check

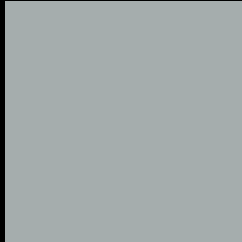
Large Text (above 18pt) WCAG AA × Fail

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 38.0034, 40.9036, 45.4274 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

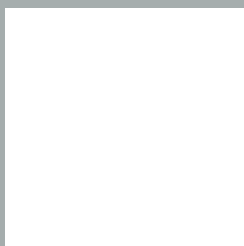
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.0034, 40.9036, 45.4274

Background



This preview shows how black text looks on a background with the XYZ color 38.0034, 40.9036, 45.4274.



This preview shows how white text looks on a background with the XYZ color 38.0034, 40.9036,

45.4274.

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

38.0034, 40.9036, 45.4274

Protanopia

39.1810, 40.6884, 44.3167

Deuteranopia

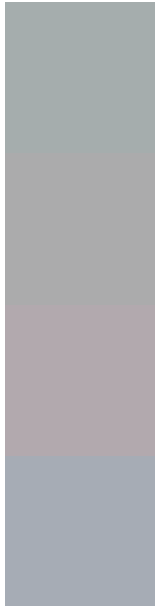
41.5259, 40.7675, 45.7247



Tritanopia

39.2562, 40.8441, 51.7136

Trichromacy



Original Color

38.0034, 40.9036, 45.4274

Protanomaly

38.8039, 40.7623, 44.8525

Deuteranomaly

40.1880, 40.8969, 45.8202

Tritanomaly

38.8189, 40.9482, 49.5739

Monochromacy



Original Color

38.0034, 40.9036, 45.4274

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

38.5611, 40.9186, 44.8954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0034, 40.9036, 45.4274 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(165, 173, 173)` looks like.

```
.text, #text, p{  
    color:rgb(165, 173, 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(165, 173, 173) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 38.0034, 40.9036, 45.4274 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(165, 173, 173) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 38.0034, 40.9036, 45.4274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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