

Converting Colors

XYZ(40.3389, 43.3827, 46.1595)

Have a look what the booklet for
XYZ(40.3389, 43.3827, 46.1595)
contains.

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Color

**XYZ(40.3754, 43.2709,
46.2685)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB1AE
RGB	172, 177, 174
RGB Percent	67%, 69%, 68%
CMY	0.3255, 0.3059, 0.3176
CMYK	0.03, 0.00, 0.02, 0.31
HSL	144°, 3%, 68%
HSV	144°, 3%, 69%
XYZ	40.3754, 43.2709, 46.2685
YIQ	175.1630, -2.0170, -1.9930

Conversions

Conversions Part 2

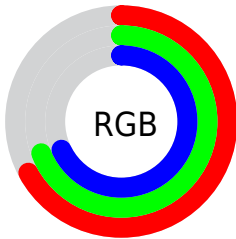
Format	Color
RYB	172, 176, 177
Decimal	11317678
CIELab	71.74, -2.32, 0.91
CIELCh	72, 2.493, 158.560
Yxy	43.2709, 0.3108, 0.3331
Android (android.graphics.Color)	4289507758 (0xFFACB1AE)
YUV	175.1630, -0.5734, -2.7740
Hunter-Lab	65.7806, -5.5548, 4.3433

Details

The XYZ color **40.3754, 43.2709, 46.2685** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.6235, 41.9485, 46.5154**, and the grayscale version is **40.8366, 42.9633, 46.7870**.

A 20% lighter version of the original color is **74.9603, 80.2659, 85.6708**, and **18.4662, 19.8135, 21.2635** is the 20% darker color. If you saturate the color by 10%, you get **35.7514, 41.0034, 40.8577**, and if you desaturate by 10%, it is **45.6012, 45.8417, 52.1370**.

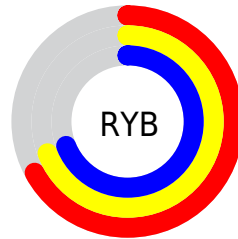
Distribution



Red (67%)

Green (69%)

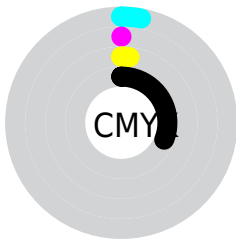
Blue (68%)



Red (67%)

Yellow (69%)

Blue (69%)

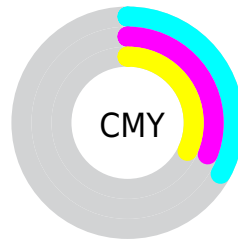


Cyan (3%)

Magenta (0%)

Yellow (2%)

Black (31%)



Cyan (33%)

Magenta (31%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3754, 43.2709, 46.2685 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 40.3754, 43.2709, 46.2685 by changing the saturation by 10% instead.

■ 40.3754, 43.2709,
46.2685

■ 40.3754, 43.2709,
46.2685

338.8106,
359.7247, 388.1960

■ 28.0169, 30.0977,
32.1076

■ 75.0155, 80.1195,
85.9592

■ 18.4789, 19.9128,
21.1782

98.0278, 104.5637,
112.3260

■ 11.3961, 12.3317,
13.0618

125.3221,
133.5337, 143.5986

■ 6.4032, 6.9700,
7.3399

157.2638,
167.4139, 180.1954

■ 3.1347, 3.4433,
3.5939

194.2181,
206.5887, 222.5350

■ 1.2254, 1.3673,
1.4053

236.5504,

■ 0.1263, 0.1925,

251.4425, 271.0359

0.1459

284.6261,
302.3597, 326.1167

■ 0.0000, 0.0000,
0.0000

■ 40.3754, 43.2709,
46.2685

■ 40.3754, 43.2709,
46.2685

■ 35.7514, 41.0034,
40.8577

■ 45.6012, 45.8417,
52.1370

■ 31.7034, 39.0223,
35.8909

■ 51.4463, 48.7208,
58.4709

■ 28.2091, 37.3176,
31.3577

■ 57.9317, 51.9201,
65.2812

■ 25.2431, 35.8765,
27.2463

■ 65.0765, 55.4493,
72.5777

■ 22.7782, 34.6852,
23.5445

■ 70.8452, 58.2588,
80.2740

■ 20.7845, 33.7285,
20.2392

■ 72.3587, 58.8642,
88.2437

■ 19.2289, 32.9896,
17.3169

■ 73.9642, 59.5064,
96.6984

■ 18.0734, 32.4493,
14.7630

■ 75.0129, 59.9259,
102.2210

■ 17.2733, 32.0847,
12.5620

Harmonies

Analogous

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



40.6229, 43.2709, 45.3169



40.3754, 43.2709, 46.2685



40.3288, 43.2709, 47.4622

Triad

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



40.3754, 43.2709, 46.2685



41.2489, 43.2709, 49.4554



41.7669, 43.2709, 45.6778

Complementary

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



40.3754, 43.2709, 46.2685



40.6235, 41.9485, 46.5154

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.



41.9371, 43.2709, 46.7688



40.3754, 43.2709, 46.2685



41.6367, 43.2709, 48.9593

Square

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



40.3754, 43.2709, 46.2685



40.8312, 43.2709, 49.3159



41.8893, 43.2709, 47.9711



41.4256, 43.2709, 44.9800

Rectangle

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



40.3754, 43.2709, 46.2685



40.4176, 43.2709, 48.2369



41.8893, 43.2709, 47.9711



41.8461, 43.2709, 46.0100

Sweetspot

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



40.3766, 43.2728, 46.2694



73.9217, 78.2882, 84.7030



40.8681, 43.5485, 45.2822



16.0308, 16.9716, 18.3688



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.



40.3766, 43.2728, 46.2694



72.1116, 77.3989, 82.6360



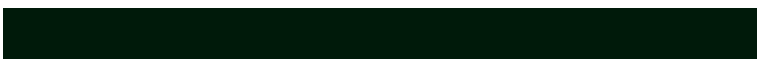
40.6147, 43.3680, 47.5230



9.1263, 9.8396, 10.4580



12.2379, 23.1211, 8.2557



0.4143, 0.7392, 0.4136

Inverse Universe

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



40.6235, 41.9485, 46.5154



72.5881, 74.8424, 83.1108



40.3879, 41.8543, 45.2750



9.2003, 9.4425, 10.5318



15.0615, 7.5422, 10.7499



0.5018, 0.2485, 0.4850

Previews

White Background



This preview shows how the XYZ color 40.3754, 43.2709, 46.2685 looks on a white background.

Color Contrast Check

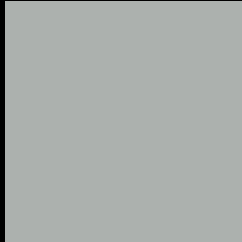
Large Text (above 18pt) WCAG AA × Fail

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 40.3754, 43.2709, 46.2685 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

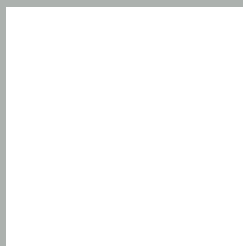
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.3754, 43.2709, 46.2685

Background



This preview shows how black text looks on a background with the XYZ color 40.3754, 43.2709, 46.2685.



This preview shows how white text looks on a background with the XYZ color 40.3754, 43.2709,

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

40.3754, 43.2709, 46.2685

Protanopia

41.4632, 43.2608, 45.7000

Deuteranopia

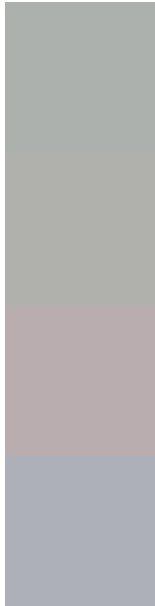
44.1049, 43.1821, 46.5678



Tritanopia

41.9708, 43.3327, 54.2961

Trichromacy



Original Color

40.3754, 43.2709, 46.2685

Protanomaly

40.9727, 43.2979, 45.7330

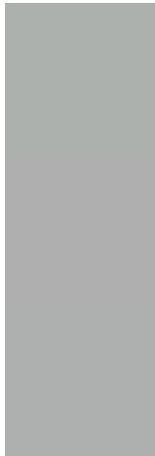
Deuteranomaly

42.6890, 43.2966, 46.6646

Tritanomaly

41.4106, 43.3956, 51.5410

Monochromacy



Original Color

40.3754, 43.2709, 46.2685

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.7188, 43.1445, 46.7390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3754, 43.2709, 46.2685 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(172, 177, 174)` looks like.

```
.text, #text, p{  
    color:rgb(172, 177, 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(172, 177, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 177, 174) }
```

Border

The CSS property to change the border of an element to XYZ 40.3754, 43.2709, 46.2685 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(172, 177, 174) }
```


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

```
.border{ border-color:rgb(172, 177, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 177, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 177, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 177, 174);  
box-shadow:4px 4px 4px 4px rgb(172, 177,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3754, 43.2709, 46.2685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 177, 174) }
```

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

```
.background{ background-color: rgb(172,  
177, 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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