

Converting Colors

XYZ(40.5811, 43.4608, 46.9261)

Have a look what the booklet for
XYZ(40.5811, 43.4608, 46.9261)
contains.

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Color

**XYZ(40.4733, 43.3101,
46.7840)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB1AF
RGB	172, 177, 175
RGB Percent	67%, 69%, 69%
CMY	0.3255, 0.3059, 0.3137
CMYK	0.03, 0.00, 0.01, 0.31
HSL	156°, 3%, 68%
HSV	156°, 3%, 69%
XYZ	40.4733, 43.3101, 46.7840
YIQ	175.2770, -2.3380, -1.6820

Conversions

Conversions Part 2

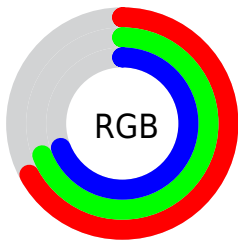
Format	Color
RYB	172, 175, 177
Decimal	11317679
CIELab	71.76, -2.13, 0.40
CIELCh	72, 2.168, 169.358
Yxy	43.3101, 0.3100, 0.3317
Android (android.graphics.Color)	4289507759 (0xFFACB1AF)
YUV	175.2770, -0.1366, -2.8739
Hunter-Lab	65.8104, -5.3910, 3.9186

Details

The XYZ color **40.4733, 43.3101, 46.7840** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.5256, 41.9093, 45.9999**, and the grayscale version is **40.8936, 43.0233, 46.8523**.

A 20% lighter version of the original color is **75.1004, 80.3219, 86.4084**, and **18.5285, 19.8384, 21.5915** is the 20% darker color. If you saturate the color by 10%, you get **36.1667, 41.1695, 43.0447**, and if you desaturate by 10%, it is **45.3363, 45.7358, 50.7418**.

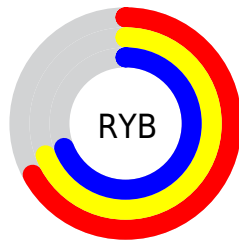
Distribution



Red (67%)

Green (69%)

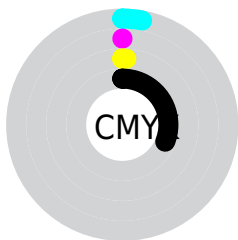
Blue (69%)



Red (67%)

Yellow (69%)

Blue (69%)

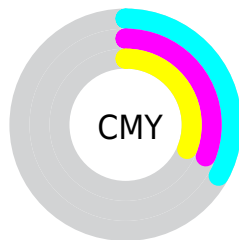


Cyan (3%)

Magenta (0%)

Yellow (1%)

Black (31%)



Cyan (33%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.4733, 43.3101, 46.7840 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 40.4733, 43.3101, 46.7840 by changing the saturation by 10% instead.

■ 40.4733, 43.3101,
46.7840

■ 40.4733, 43.3101,
46.7840

339.2148,
359.8855, 390.3205

■ 28.0936, 30.1285,
32.5118

■ 75.1635, 80.1786,
86.7377

■ 18.5371, 19.9361,
21.4847

98.2047, 104.6343,
113.2563

■ 11.4383, 12.3486,
13.2841

125.5304,
133.6168, 144.6941

■ 6.4319, 6.9816,
7.4914

157.5060,
167.5105, 181.4697

■ 3.1526, 3.4506,
3.6882

194.4969,
206.6999, 224.0016

■ 1.2350, 1.3712,
1.4559

236.8685,

■ 0.1337, 0.1954,

251.5692, 272.7083

0.1848

284.9859,
302.5030, 328.0084

■ 0.0000, 0.0000,
0.0000

■ 40.4733, 43.3101,
46.7840

■ 40.4733, 43.3101,
46.7840

■ 36.1667, 41.1695,
43.0447

■ 45.3363, 45.7358,
50.7418

■ 32.3921, 39.2978,
39.5172

■ 50.7718, 48.4510,
54.9191

■ 29.1283, 37.6853,
36.1984

■ 56.7998, 51.4674,
59.3204

■ 26.3517, 36.3200,
33.0842

■ 63.4380, 54.7939,
63.9492

■ 24.0365, 35.1885,
30.1704

■ 68.6498, 57.3807,
68.7130

■ 22.1543, 34.2764,
27.4522

■ 69.5549, 57.7427,
73.4794

■ 20.6737, 33.5676,
24.9251

■ 70.4997, 58.1206,
78.4545

■ 19.5587, 33.0434,
22.5840

■ 71.4846, 58.5146,
83.6409

■ 18.7662, 32.6819,
20.4232

■ 72.5101, 58.9248,
89.0409

Harmonies

Analogous

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



40.6303, 43.3101, 45.8494



40.4733, 43.3101, 46.7840



40.5008, 43.3101, 47.8324

Triad

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



40.4733, 43.3101, 46.7840



41.4000, 43.3101, 49.0956



41.6276, 43.3101, 45.6360

Complementary

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



40.4733, 43.3101, 46.7840



40.5256, 41.9093, 45.9999

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.



41.8363, 43.3101, 46.4887



40.4733, 43.3101, 46.7840



41.7043, 43.3101, 48.4899

Square

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



40.4733, 43.3101, 46.7840



41.0344, 43.3101, 49.1776



41.8644, 43.3101, 47.5327



41.2958, 43.3101, 45.1932

Rectangle

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



40.4733, 43.3101, 46.7840



40.6201, 43.3101, 48.4544



41.8644, 43.3101, 47.5327



41.7146, 43.3101, 45.8836

Sweetspot

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



40.4745, 43.3120, 46.7849



73.9856, 78.3138, 85.0391



40.6442, 43.4331, 45.2717



16.0439, 16.9769, 18.4377



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.



40.4745, 43.3120, 46.7849



72.3006, 77.4745, 83.6311



40.5905, 43.2268, 47.8014



9.1556, 9.8513, 10.6126



13.3120, 23.5508, 13.9116



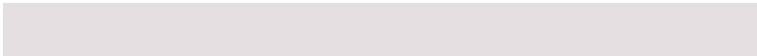
0.4467, 0.7522, 0.5845

Inverse Universe

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



40.5256, 41.9093, 45.9999



72.3991, 74.7668, 82.1156



40.4112, 41.9907, 45.0055



9.1709, 9.4307, 10.3772



13.9860, 7.1120, 5.0862



0.4693, 0.2355, 0.3139

Previews

White Background



This preview shows how the XYZ color 40.4733, 43.3101, 46.7840 looks on a white background.

Color Contrast Check

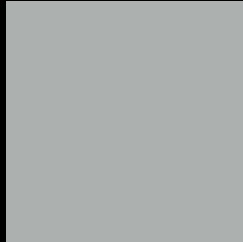
Large Text (above 18pt) WCAG AA × Fail

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 40.4733, 43.3101, 46.7840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

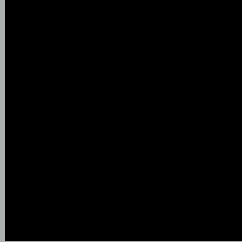
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

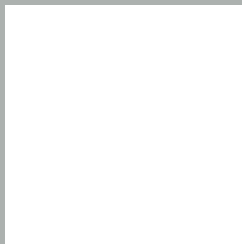
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.4733, 43.3101, 46.7840

Background



This preview shows how black text looks on a background with the XYZ color 40.4733, 43.3101, 46.7840.



This preview shows how white text looks on a background with the XYZ color 40.4733, 43.3101,

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

40.4733, 43.3101, 46.7840

Protanopia

41.5604, 43.2996, 46.2116

Deuteranopia

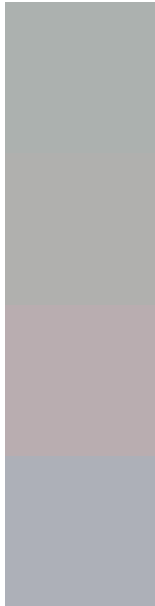
43.9494, 43.0905, 47.0752



Tritanopia

41.9708, 43.3327, 54.2961

Trichromacy



Original Color

40.4733, 43.3101, 46.7840

Protanomaly

41.0698, 43.3368, 46.2446

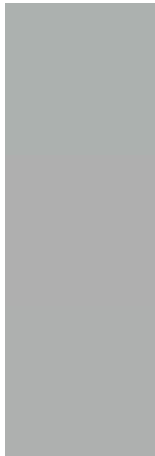
Deuteranomaly

42.7876, 43.3360, 47.1838

Tritanomaly

41.4106, 43.3956, 51.5410

Monochromacy



Original Color

40.4733, 43.3101, 46.7840

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 40.4733, 43.3101, 46.7840 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(172, 177, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 177, 175) }
```

Border

The CSS property to change the border of an element to XYZ 40.4733, 43.3101, 46.7840 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, 175) }
```


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

```
.border{ border-color:rgb(172, 177, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 177, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 177, 175);  
box-shadow:4px 4px 4px 4px rgb(172, 177,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4733, 43.3101, 46.7840 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, 175) }
```

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

```
.background{ background-color: rgb(172,  
177, 175) }
```

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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