

Converting Colors

XYZ(40.8348, 43.1636, 47.2275)

Have a look what the booklet for
XYZ(40.8348, 43.1636, 47.2275)
contains.

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Color

**XYZ(40.8174, 43.1839,
47.2583)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB0B0
RGB	174, 176, 176
RGB Percent	68%, 69%, 69%
CMY	0.3176, 0.3098, 0.3098
CMYK	0.01, 0.00, 0.00, 0.31
HSL	180°, 1%, 69%
HSV	180°, 1%, 69%
XYZ	40.8174, 43.1839, 47.2583
YIQ	175.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

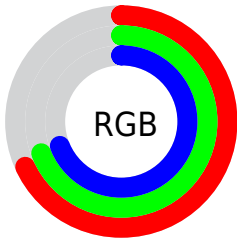
Format	Color
RYB	174, 175, 176
Decimal	11448496
CIELab	71.68, -0.70, -0.26
CIELCh	72, 0.745, 200.022
Yxy	43.1839, 0.3110, 0.3290
Android (android.graphics.Color)	4289638576 (0xFFAEB0B0)
YUV	175.4020, 0.2948, -1.2296
Hunter-Lab	65.7145, -4.1281, 3.3619

Details

The XYZ color **40.8174, 43.1839, 47.2583** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.6822, 42.5594, 46.1172**, and the grayscale version is **40.9558, 43.0887, 46.9236**.

A 20% lighter version of the original color is **75.7352, 80.1974, 87.8319**, and **18.8718, 20.0081, 21.9361** is the 20% darker color. If you saturate the color by 10%, you get **37.1483, 41.2939, 47.0745**, and if you desaturate by 10%, it is **45.0028, 45.3425, 47.4680**.

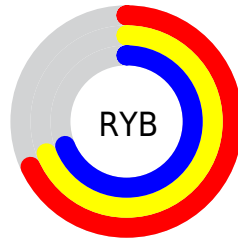
Distribution



Red (68%)

Green (69%)

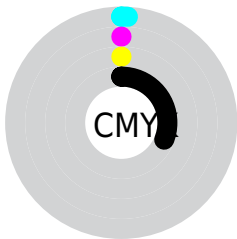
Blue (69%)



Red (68%)

Yellow (69%)

Blue (69%)

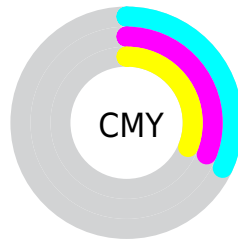


Cyan (1%)

Magenta (0%)

Yellow (0%)

Black (31%)



Cyan (32%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.8174, 43.1839, 47.2583 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 40.8174, 43.1839, 47.2583 by changing the saturation by 10% instead.

■ 40.8174, 43.1839,
47.2583

■ 40.8174, 43.1839,
47.2583

340.6325,
359.3675, 392.2682

■ 28.3635, 30.0294,
32.8841

■ 75.6831, 79.9883,
87.4531

■ 18.7417, 19.8609,
21.7673

98.8255, 104.4070,
114.1107

■ 11.5867, 12.2940,
13.4893

126.2616,
133.3493, 145.6999

■ 6.5331, 6.9442,
7.6317

158.3565,
167.1995, 182.6392

■ 3.2156, 3.4272,
3.7758

195.4757,
206.3420, 225.3471

■ 1.2688, 1.3586,
1.5032

237.9845,

■ 0.1596, 0.1859,

251.1613, 274.2423

0.2203

286.2484,
302.0416, 329.7431

■ 0.0000, 0.0000,
0.0000

■ 40.8174, 43.1839,
47.2583

■ 40.8174, 43.1839,
47.2583

■ 37.1483, 41.2939,
47.0745

■ 45.0028, 45.3425,
47.4680

■ 33.9720, 39.6567,
46.9129

■ 49.7195, 47.7737,
47.7017

■ 31.2685, 38.2634,
46.7735

■ 54.9865, 50.4887,
47.9611

■ 29.0154, 37.1021,
46.6551

■ 60.8209, 53.4962,
48.2471

■ 27.1880, 36.1604,
46.5566

■ 64.6151, 55.4519,
48.4377

■ 25.7597, 35.4243,
46.4769

■ 64.6176, 55.4529,
48.4507

■ 24.7005, 34.8786,
46.4144

■ 64.6201, 55.4539,
48.4638

■ 23.9765, 34.5056,
46.3676

■ 64.6226, 55.4548,
48.4769

■ 23.5473, 34.2846,
46.3345

■ 64.6251, 55.4558,
48.4900

Harmonies

Analogous

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



40.8064, 43.1839, 46.8996



40.8174, 43.1839, 47.2583



40.8893, 43.1839, 47.5546

Triad

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



40.8174, 43.1839, 47.2583



41.2313, 43.1839, 47.4679



41.0871, 43.1839, 46.3387

Complementary

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



40.8174, 43.1839, 47.2583



40.6822, 42.5594, 46.1172

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.



41.2011, 43.1839, 46.4893



40.8174, 43.1839, 47.2583



41.2845, 43.1839, 47.1405

Square

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



40.8174, 43.1839, 47.2583



41.1282, 43.1839, 47.6760



41.2734, 43.1839, 46.7824



40.9620, 43.1839, 46.3699

Rectangle

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



40.8174, 43.1839, 47.2583



40.9621, 43.1839, 47.6762



41.2734, 43.1839, 46.7824



41.1280, 43.1839, 46.3697

Sweetspot

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



40.8186, 43.1858, 47.2592



74.8435, 78.7412, 85.7492



40.6296, 43.1110, 46.2250



16.2198, 17.0645, 18.5832



84.5950, 89.0005, 96.9216

Same Dimension

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



40.8186, 43.1858, 47.2592



74.1135, 78.3649, 85.7126



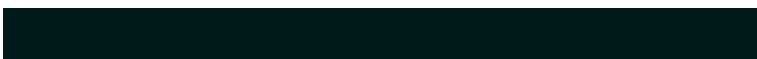
40.6298, 42.8076, 47.1977



9.4653, 10.0041, 10.9382



17.1230, 25.0752, 33.9803



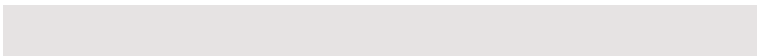
0.5389, 0.7890, 1.0700

Inverse Universe

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



40.6822, 42.5594, 46.1172



73.8920, 77.3483, 83.8590



40.8696, 42.9347, 46.1783



9.4394, 9.8851, 10.7211



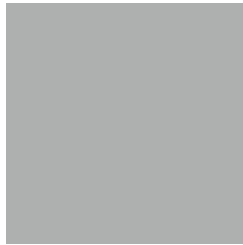
13.1381, 6.7728, 0.6211



0.4135, 0.2132, 0.0204

Previews

White Background



This preview shows how the XYZ color 40.8174, 43.1839, 47.2583 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 40.8174, 43.1839, 47.2583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

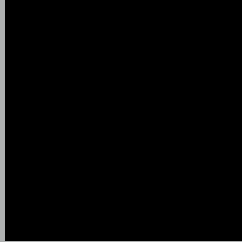
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

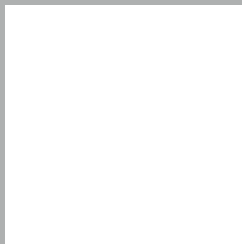
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.8174, 43.1839, 47.2583

Background



This preview shows how black text looks on a background with the XYZ color 40.8174, 43.1839, 47.2583.



This preview shows how white text looks on a background with the XYZ color 40.8174, 43.1839,

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

40.8174, 43.1839, 47.2583

Protanopia

41.6582, 43.3388, 46.7270

Deuteranopia

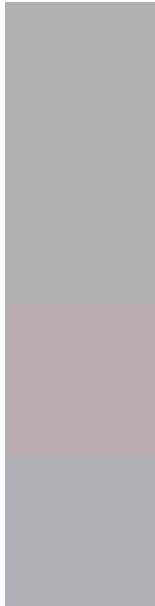
44.0488, 43.1302, 47.5983



Tritanopia

42.1176, 43.1331, 53.6826

Trichromacy



Original Color

40.8174, 43.1839, 47.2583

Protanomaly

41.1993, 43.1022, 46.7056

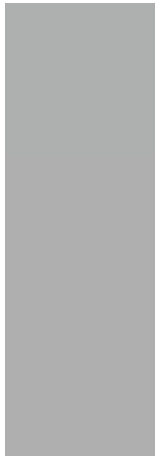
Deuteranomaly

42.6959, 42.9937, 47.6433

Tritanomaly

41.6609, 43.2346, 51.4967

Monochromacy



Original Color

40.8174, 43.1839, 47.2583

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.7470, 42.8690, 46.6844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8174, 43.1839, 47.2583 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, 176, 176)` looks like.

```
.text, #text, p{  
    color:rgb(174, 176, 176)  
}
```

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, 176, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 176, 176) }
```

Border

The CSS property to change the border of an element to XYZ 40.8174, 43.1839, 47.2583 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, 176, 176) }
```

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

```
.border{ border-color:rgb(174, 176, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 176, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 176, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 176, 176);  
box-shadow:4px 4px 4px 4px rgb(174, 176,  
176) }
```


Background

The CSS property to change the background color of an element to XYZ 40.8174, 43.1839, 47.2583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 176, 176) }
```

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

```
.background{ background-color: rgb(174,  
176, 176) }
```

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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