

Converting Colors

XYZ(40.3763, 41.0235, 47.4502)

Have a look what the booklet for
XYZ(40.3763, 41.0235, 47.4502)
contains.

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Color

**XYZ(40.2552, 40.8974,
47.3673)**

Conversions

Conversions Part 1

Format	Color
Hex	B1A9B1
RGB	177, 169, 177
RGB Percent	69%, 66%, 69%
CMY	0.3059, 0.3372, 0.3059
CMYK	0.00, 0.05, 0.00, 0.31
HSL	300°, 5%, 68%
HSV	300°, 5%, 69%
XYZ	40.2552, 40.8974, 47.3673
YIQ	172.3040, 2.2000, 4.1840

Conversions

Conversions Part 2

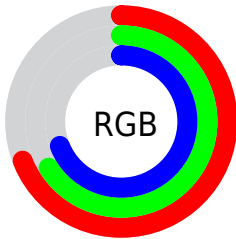
Format	Color
RYB	177, 169, 177
Decimal	11643313
CIELab	70.10, 4.35, -3.09
CIELCh	70, 5.336, 324.641
Yxy	40.8974, 0.3132, 0.3182
Android (android.graphics.Color)	4289833393 (0xFFB1A9B1)
YUV	172.3040, 2.3151, 4.1184
Hunter-Lab	63.9511, 0.4458, 0.8508

Details

The XYZ color **40.2552, 40.8974, 47.3673** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.2474, 42.7450, 43.7203**, and the grayscale version is **39.3555, 41.4050, 45.0901**.

A 20% lighter version of the original color is **74.9679, 76.5181, 87.9090**, and **18.3116, 18.4629, 21.6674** is the 20% darker color. If you saturate the color by 10%, you get **37.1831, 34.7528, 46.3438**, and if you desaturate by 10%, it is **43.7755, 47.9371, 48.5412**.

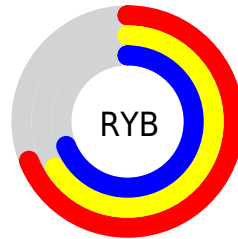
Distribution



Red (69%)

Green (66%)

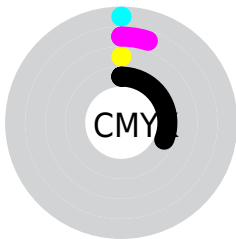
Blue (69%)



Red (69%)

Yellow (66%)

Blue (69%)

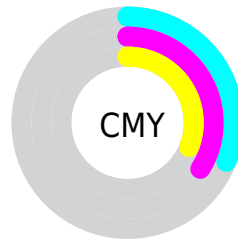


Cyan (0%)

Magenta (5%)

Yellow (0%)

Black (31%)



Cyan (31%)

Magenta (34%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.2552, 40.8974, 47.3673 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 40.2552, 40.8974, 47.3673 by changing the saturation by 10% instead.

■ 40.2552, 40.8974,
47.3673

■ 40.2552, 40.8974,
47.3673

338.3140,
349.8916, 392.7149

■ 27.9227, 28.2389,
32.9697

■ 74.8338, 76.5281,
87.6173

■ 18.4075, 18.5058,
21.8323

■ 97.8107, 100.2692,
114.3069

■ 11.3444, 11.3138,
13.5366

125.0663,
128.4732, 145.9308

■ 6.3680, 6.2783,
7.6640

156.9661,
161.5245, 182.9076

■ 3.1129, 3.0150,
3.7960

193.8754,
199.8077, 225.6558

■ 1.2137, 1.1396,
1.5141

236.1596,

■ 0.1172, 0.0115,

243.7070, 274.5941

0.2284

284.1840,
293.6068, 330.1410

■ 0.0000, 0.0000,
0.0000

■ 40.2552, 40.8974,
47.3673

■ 40.2552, 40.8974,
47.3673

■ 37.1831, 34.7528,
46.3438

■ 43.7755, 47.9371,
48.5412

■ 34.5377, 29.4624,
45.4621

■ 47.7571, 55.9001,
49.8683

■ 32.3014, 24.9900,
44.7167

■ 52.2172, 64.8201,
51.3550

■ 30.4536, 21.2948,
44.1008

■ 57.1710, 74.7273,
53.0062

■ 28.9724, 18.3325,
43.6071

■ 61.8285, 84.0421,
54.5586

■ 27.8331, 16.0543,
43.2274

■ 61.8287, 84.0421,
54.5586

■ 27.0087, 14.4056,
42.9526

■ 61.8289, 84.0422,
54.5587

■ 26.4674, 13.3233,
42.7723

■ 61.8290, 84.0423,
54.5587

■ 26.1713, 12.7314,
42.6736

■ 61.8292, 84.0424,
54.5587

Harmonies

Analogous

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



39.5750, 40.8974, 49.0390



40.2552, 40.8974, 47.3673



40.5651, 40.8974, 44.9803

Triad

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



40.2552, 40.8974, 47.3673



39.0286, 40.8974, 39.9186



37.3676, 40.8974, 46.5624

Complementary

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



40.2552, 40.8974, 47.3673



39.2474, 42.7450, 43.7203

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.



37.2262, 40.8974, 44.0833



40.2552, 40.8974, 47.3673



38.1769, 40.8974, 40.3069

Square

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



40.2552, 40.8974, 47.3673



39.8501, 40.8974, 40.7280



37.5204, 40.8974, 41.8089



37.9095, 40.8974, 48.5622

Rectangle

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



40.2552, 40.8974, 47.3673



40.5166, 40.8974, 43.3276



37.5204, 40.8974, 41.8089



37.2720, 40.8974, 45.7550

Sweetspot

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



40.2564, 40.8992, 47.3682



74.2108, 77.4759, 85.5383



38.5127, 40.0371, 47.2937



16.0901, 16.8051, 18.5400



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.



40.2564, 40.8992, 47.3682



71.7634, 72.5812, 84.7225



39.8765, 40.7472, 45.3675



9.1197, 9.1861, 10.7988



18.8853, 9.0715, 30.8926



0.5942, 0.2854, 0.9720

Inverse Universe

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



39.4824, 40.5896, 43.2921



70.2090, 71.9595, 76.5363



39.6157, 42.8923, 45.6601



8.9022, 9.0990, 9.6531



13.1369, 6.7723, 0.6150



0.4133, 0.2131, 0.0194

Previews

White Background



This preview shows how the XYZ color 40.2552, 40.8974, 47.3673 looks on a white background.

Color Contrast Check

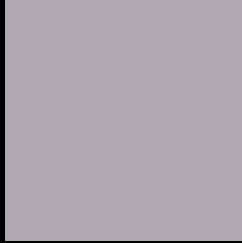
Large Text (above 18pt) WCAG AA × Fail

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 40.2552, 40.8974, 47.3673 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

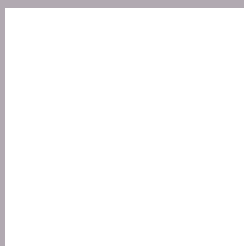
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 40.2552, 40.8974, 47.3673

Background



This preview shows how black text looks on a background with the XYZ color 40.2552, 40.8974, 47.3673.



This preview shows how white text looks on a background with the XYZ color 40.2552, 40.8974,

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

40.2552, 40.8974, 47.3673

Protanopia

39.4239, 40.7345, 47.9042

Deuteranopia

41.6797, 40.8011, 47.7981



Tritanopia

40.8062, 40.8476, 49.9896

Trichromacy



Original Color

40.2552, 40.8974, 47.3673

Protanomaly

39.8662, 40.9625, 47.9249

Deuteranomaly

41.1460, 40.7969, 47.8254

Tritanomaly

40.6009, 40.7655, 48.9086

Monochromacy



Original Color

40.2552, 40.8974, 47.3673

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.6585, 41.1805, 45.9028

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2552, 40.8974, 47.3673 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(177, 169, 177)` looks like.

```
.text, #text, p{  
    color:rgb(177, 169, 177)  
}
```

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(177, 169, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 169, 177) }
```

Border

The CSS property to change the border of an element to XYZ 40.2552, 40.8974, 47.3673 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(177, 169, 177) }
```


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

```
.border{ border-color:rgb(177, 169, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 169, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 169, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 169, 177);  
box-shadow:4px 4px 4px 4px rgb(177, 169,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2552, 40.8974, 47.3673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 169, 177) }
```

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

```
.background{ background-color: rgb(177,  
169, 177) }
```

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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