

Converting Colors

XYZ(40.7829, 39.7314, 48.6417)

Have a look what the booklet for
XYZ(40.7829, 39.7314, 48.6417)
contains.

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Color

**XYZ(40.8051, 39.7913,
48.7098)**

Conversions

Conversions Part 1

Format	Color
Hex	B6A4B4
RGB	182, 164, 180
RGB Percent	71%, 64%, 71%
CMY	0.2863, 0.3568, 0.2941
CMYK	0.00, 0.10, 0.01, 0.29
HSL	307°, 11%, 68%
HSV	307°, 10%, 71%
XYZ	40.8051, 39.7913, 48.7098
YIQ	171.2060, 5.5920, 8.7920

Conversions

Conversions Part 2

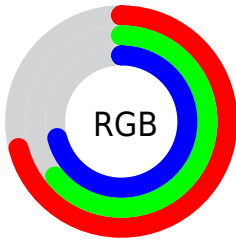
Format	Color
RYB	182, 164, 180
Decimal	11969716
CIELab	69.32, 9.43, -5.86
CIELCh	69, 11.101, 328.156
Yxy	39.7913, 0.3156, 0.3077
Android (android.graphics.Color)	4290159796 (0xFFB6A4B4)
YUV	171.2060, 4.3354, 9.4663
Hunter-Lab	63.0803, 5.0766, -1.6267

Details

The XYZ color **40.8051, 39.7913, 48.7098** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.9223, 44.1027, 42.5398**, and the grayscale version is **38.7901, 40.8102, 44.4423**.

A 20% lighter version of the original color is **75.7317, 74.8963, 89.8218**, and **18.6782, 17.7878, 22.5276** is the 20% darker color. If you saturate the color by 10%, you get **37.5741, 33.6562, 46.6239**, and if you desaturate by 10%, it is **44.5075, 46.8633, 50.9686**.

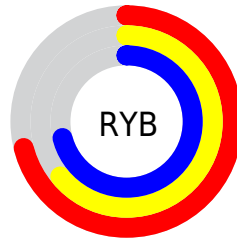
Distribution



Red (71%)

Green (64%)

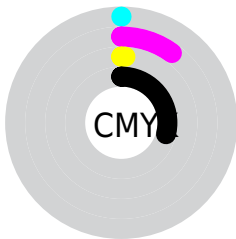
Blue (71%)



Red (71%)

Yellow (64%)

Blue (71%)

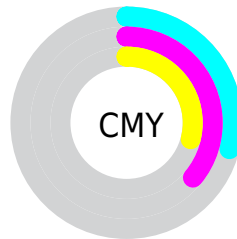


Cyan (0%)

Magenta (10%)

Yellow (1%)

Black (29%)



Cyan (29%)


Magenta (36%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.8051, 39.7913, 48.7098 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 40.8051, 39.7913, 48.7098 by changing the saturation by 10% instead.

 40.8051, 39.7913,
48.7098


 40.8051, 39.7913,
48.7098


340.5819,
345.2431, 398.1883

 28.3538, 27.3759,
34.0254


 75.6645, 74.8456,
89.6368

 18.7344, 17.8557,
22.6356


 98.8034, 98.2533,
116.7165

 11.5814, 10.8464,
14.1219


126.2355,
126.0938, 148.7649

 6.5295, 5.9637,
8.0658

158.3261,
158.7516, 186.2007

 3.2133, 2.8230,
4.0487

195.4408,
196.6110, 229.4424

 1.2675, 1.0400,
1.6521

237.9447,

 0.1587, 0.0000,

240.0565, 278.9086

0.3276

286.2033,
289.4724, 335.0177

■ 0.0000, 0.0000,
0.0000

■ 40.8051, 39.7913,
48.7098

■ 40.8051, 39.7913,
48.7098

■ 37.5741, 33.6562,
46.6239

■ 44.5075, 46.8633,
50.9686

■ 34.7914, 28.4133,
44.7017

■ 48.6964, 54.9041,
53.4040

■ 32.4369, 24.0223,
42.9370

■ 53.3905, 63.9504,
56.0228

■ 30.4880, 20.4374,
41.3222

■ 58.6065, 74.0355,
58.8306

■ 28.9195, 17.6088,
39.8487

■ 64.3586, 85.1880,
61.8321

■ 27.7038, 15.4811,
38.5074

■ 64.5814, 85.2771,
63.0058

■ 26.8094, 13.9912,
37.2876

■ 64.8074, 85.3675,
64.1956

■ 26.1990, 13.0648,
36.1769

■ 65.0364, 85.4591,
65.4018

■ 25.7973, 12.5510,
35.1501

■ 65.2686, 85.5520,
66.6243

Harmonies

Analogous

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



39.4597, 39.7913, 52.5620



40.8051, 39.7913, 48.7098



41.3479, 39.7913, 43.6423

Triad

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



40.8051, 39.7913, 48.7098



37.9307, 39.7913, 34.2432



34.8805, 39.7913, 48.1212

Complementary

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



40.8051, 39.7913, 48.7098



38.9223, 44.1027, 42.5398

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.



34.4996, 39.7913, 43.0112



40.8051, 39.7913, 48.7098



36.2272, 39.7913, 35.2407

Square

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



40.8051, 39.7913, 48.7098



39.6563, 39.7913, 35.5163



34.9850, 39.7913, 38.3542



36.0421, 39.7913, 52.2039

Rectangle

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



40.8051, 39.7913, 48.7098



41.1690, 39.7913, 40.3408



34.9850, 39.7913, 38.3542



34.6585, 39.7913, 46.4549

Sweetspot

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



40.8063, 39.7930, 48.7107



78.4744, 80.7208, 91.0754



37.4047, 38.0157, 49.6230



17.2109, 17.5961, 20.0421



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



40.8063, 39.7930, 48.7107



72.5495, 69.4201, 87.4078



39.9380, 39.4457, 44.1385



9.3368, 9.1451, 11.1209



18.2298, 8.8657, 24.8946



0.6550, 0.3175, 0.9426

Inverse Universe

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



40.8063, 39.7930, 48.7107



72.5495, 69.4201, 87.4078



39.7574, 44.4368, 46.9375



9.3368, 9.1451, 11.1209



18.2298, 8.8657, 24.8946



0.6550, 0.3175, 0.9426

Previews

White Background



This preview shows how the XYZ color 40.8051, 39.7913, 48.7098 looks on a white background.

Color Contrast Check

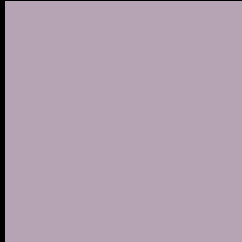
Large Text (above 18pt) WCAG AA × Fail

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 40.8051, 39.7913, 48.7098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

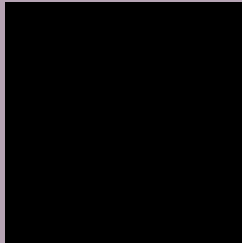
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.8051, 39.7913, 48.7098

Background



This preview shows how black text looks on a background with the XYZ color 40.8051, 39.7913, 48.7098.



This preview shows how white text looks on a background with the XYZ color 40.8051, 39.7913,

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

40.8051, 39.7913, 48.7098

Protanopia

38.6983, 39.7490, 50.4324

Deuteranopia

40.5697, 39.6700, 48.6988



Tritanopia

40.5027, 39.6703, 47.1174

Trichromacy



Original Color

40.8051, 39.7913, 48.7098

Protanomaly

39.4958, 39.8991, 49.8756

Deuteranomaly

40.5697, 39.6700, 48.6988

Tritanomaly

40.6027, 39.7104, 47.6443

Monochromacy



Original Color

40.8051, 39.7913, 48.7098

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

39.3218, 40.1752, 45.7265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.8051, 39.7913, 48.7098 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(182, 164, 180)` looks like.

```
.text, #text, p{  
    color:rgb(182, 164, 180)  
}
```

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(182, 164, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 164, 180) }
```

Border

The CSS property to change the border of an element to XYZ 40.8051, 39.7913, 48.7098 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(182, 164, 180) }
```


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

```
.border{ border-color:rgb(182, 164, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 164, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 164, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 164, 180);  
box-shadow:4px 4px 4px 4px rgb(182, 164,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 40.8051, 39.7913, 48.7098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 164, 180) }
```

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

```
.background{ background-color: rgb(182,  
164, 180) }
```

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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