

Converting Colors

XYZ(39.0877, 38.4021, 47.4717)

Have a look what the booklet for
XYZ(39.0877, 38.4021, 47.4717)
contains.

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Color

**XYZ(39.0877, 38.4021,
47.4717)**

Conversions

Conversions Part 1

Format	Color
Hex	B1A2B2
RGB	177, 162, 178
RGB Percent	69%, 64%, 70%
CMY	0.3059, 0.3647, 0.3020
CMYK	0.01, 0.09, 0.00, 0.30
HSL	296°, 9%, 67%
HSV	296°, 9%, 70%
XYZ	39.0877, 38.4021, 47.4717
YIQ	168.3090, 3.8040, 8.1560

Conversions

Conversions Part 2

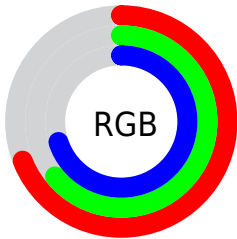
Format	Color
RYB	177, 162, 178
Decimal	11641522
CIELab	68.32, 8.39, -6.28
CIELCh	68, 10.484, 323.186
Yxy	38.4021, 0.3128, 0.3073
Android (android.graphics.Color)	4289831602 (0xFFB1A2B2)
YUV	168.3090, 4.7777, 7.6220
Hunter-Lab	61.9694, 4.1438, -2.0405

Details

The XYZ color **39.0877, 38.4021, 47.4717** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.5476, 42.2369, 40.3579**, and the grayscale version is **37.3481, 39.2931, 42.7902**.

A 20% lighter version of the original color is **73.2684, 72.8899, 88.0494**, and **17.5898, 16.9176, 21.7404** is the 20% darker color. If you saturate the color by 10%, you get **35.9196, 32.4399, 46.4884**, and if you desaturate by 10%, it is **42.7040, 45.2563, 48.6047**.

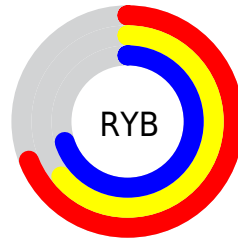
Distribution



Red (69%)

Green (64%)

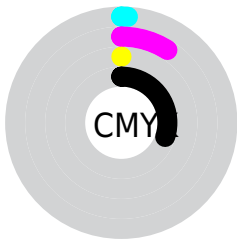
Blue (70%)



Red (69%)

Yellow (64%)

Blue (70%)

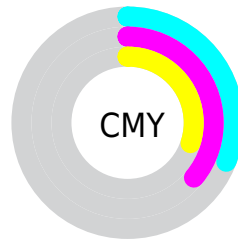


Cyan (1%)

Magenta (9%)

Yellow (0%)

Black (30%)



Cyan (31%)

Magenta (36%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0877, 38.4021, 47.4717 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 39.0877, 38.4021, 47.4717 by changing the saturation by 10% instead.

■ 39.0877, 38.4021,
47.4717

■ 39.0877, 38.4021,
47.4717

333.4640,
339.3417, 393.1424

■ 27.0090, 26.2949,
33.0517

■ 73.0655, 72.7240,
87.7746

■ 17.7166, 17.0444,
21.8946

■ 95.6953, 95.7076,
114.4946

■ 10.8452, 10.2662,
13.5819

122.5728,
123.0854, 146.1517

■ 6.0293, 5.5758,
7.6950

154.0634,
155.2418, 183.1645

■ 2.9038, 2.5889,
3.8155

190.5325,
192.5612, 225.9513

■ 1.1031, 0.9211,
1.5247

232.3454,

■ 0.0277, 0.0000,

235.4281, 274.9309

0.2362

279.8674,
284.2268, 330.5218

■ 0.0000, 0.0000,
0.0000

■ 39.0877, 38.4021,
47.4717

■ 39.0877, 38.4021,
47.4717

■ 35.9196, 32.4399,
46.4884

■ 42.7040, 45.2563,
48.6047

■ 33.1777, 27.3277,
45.6462

■ 46.7825, 53.0326,
49.8907

■ 30.8433, 23.0275,
44.9392

■ 51.3408, 61.7655,
51.3360

■ 28.8950, 19.4963,
44.3603

■ 56.3948, 71.4864,
52.9460

■ 27.3093, 16.6873,
43.9017

■ 61.9593, 82.2254,
54.7256

■ 26.0602, 14.5487,
43.5547

■ 63.4855, 84.8847,
55.1584

■ 25.1185, 13.0216,
43.3096

■ 63.7525, 85.0223,
55.1709

■ 24.4495, 12.0369,
43.1548

■ 64.0215, 85.1610,
55.1835

■ 23.9898, 11.4679,
43.0692

■ 64.2926, 85.3008,
55.1962

Harmonies

Analogous

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



37.7579, 38.4021, 50.6924



39.0877, 38.4021, 47.4717



39.7271, 38.4021, 42.8959

Triad

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



39.0877, 38.4021, 47.4717



36.8761, 38.4021, 33.4588



33.6728, 38.4021, 45.4771

Complementary

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



39.0877, 38.4021, 47.4717



37.5476, 42.2369, 40.3579

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.



33.4526, 38.4021, 40.7492



39.0877, 38.4021, 47.4717



35.2705, 38.4021, 34.0368

Square

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



39.0877, 38.4021, 47.4717



38.4257, 38.4021, 34.9811



34.0292, 38.4021, 36.6235



34.6398, 38.4021, 49.4819

Rectangle

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



39.0877, 38.4021, 47.4717



39.6627, 38.4021, 39.7836



34.0292, 38.4021, 36.6235



33.5102, 38.4021, 43.9111

Sweetspot

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



39.0888, 38.4038, 47.4725



74.6756, 76.8188, 87.2729



36.0468, 37.1156, 47.3842



16.4271, 16.7968, 19.2986



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



39.0888, 38.4038, 47.4725



69.5497, 67.1230, 85.6715



38.6387, 38.2501, 43.9091



8.7966, 8.6192, 10.7064



17.1536, 8.1788, 30.8116



0.5554, 0.2654, 0.9702

Inverse Universe

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



37.8926, 37.9517, 39.9803



66.8926, 66.1197, 68.9885



37.9772, 42.3852, 43.6842



8.5172, 8.5136, 8.9559



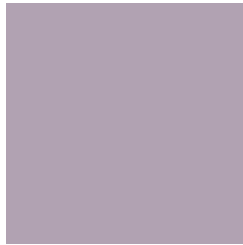
13.1893, 6.7933, 0.8906



0.4221, 0.2166, 0.0653

Previews

White Background



This preview shows how the XYZ color 39.0877, 38.4021, 47.4717 looks on a white background.

Color Contrast Check

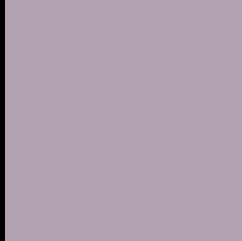
Large Text (above 18pt) WCAG AA × Fail

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 39.0877, 38.4021, 47.4717 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 39.0877, 38.4021, 47.4717

Background



This preview shows how black text looks on a background with the XYZ color 39.0877, 38.4021, 47.4717.



This preview shows how white text looks on a background with the XYZ color 39.0877, 38.4021,

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

39.0877, 38.4021, 47.4717

Protanopia

37.6003, 38.6747, 48.6632

Deuteranopia

39.3163, 38.5200, 47.4824



Tritanopia

38.7897, 38.2829, 45.9023

Trichromacy



Original Color

39.0877, 38.4021, 47.4717

Protanomaly

38.1694, 38.7110, 48.1081

Deuteranomaly

39.3163, 38.5200, 47.4824

Tritanomaly

38.8883, 38.3224, 46.4216

Monochromacy



Original Color

39.0877, 38.4021, 47.4717

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.8772, 38.9089, 44.5436

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0877, 38.4021, 47.4717 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, 162, 178)` looks like.

```
.text, #text, p{  
    color:rgb(177, 162, 178)  
}
```

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, 162, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 162, 178) }
```

Border

The CSS property to change the border of an element to XYZ 39.0877, 38.4021, 47.4717 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, 162, 178) }
```


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

```
.border{ border-color:rgb(177, 162, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 162, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 162, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 162, 178);  
box-shadow:4px 4px 4px 4px rgb(177, 162,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0877, 38.4021, 47.4717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 162, 178) }
```

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

```
.background{ background-color: rgb(177,  
162, 178) }
```

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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