

Converting Colors

XYZ(39.3384, 39.0673, 47.0527)

Have a look what the booklet for
XYZ(39.3384, 39.0673, 47.0527)
contains.

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Color

**XYZ(39.3427, 39.0724,
47.0631)**

Conversions

Conversions Part 1

Format	Color
Hex	B1A4B1
RGB	177, 164, 177
RGB Percent	69%, 64%, 69%
CMY	0.3059, 0.3568, 0.3059
CMYK	0.00, 0.07, 0.00, 0.31
HSL	300°, 8%, 67%
HSV	300°, 7%, 69%
XYZ	39.3427, 39.0724, 47.0631
YIQ	169.3690, 3.5750, 6.7990

Conversions

Conversions Part 2

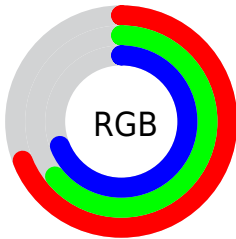
Format	Color
RYB	177, 164, 177
Decimal	11642033
CIELab	68.80, 7.10, -5.00
CIElCh	69, 8.685, 324.811
Yxy	39.0724, 0.3135, 0.3114
Android (android.graphics.Color)	4289832113 (0xFFB1A4B1)
YUV	169.3690, 3.7621, 6.6924
Hunter-Lab	62.5079, 2.9597, -0.8847

Details

The XYZ color **39.3427, 39.0724, 47.0631** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.7344, 42.0182, 41.2456**, and the grayscale version is **37.8765, 39.8490, 43.3955**.

A 20% lighter version of the original color is **73.6438, 73.8699, 87.4677**, and **17.7444, 17.3287, 21.4783** is the 20% darker color. If you saturate the color by 10%, you get **36.3934, 33.1733, 46.0805**, and if you desaturate by 10%, it is **42.7351, 45.8566, 48.1944**.

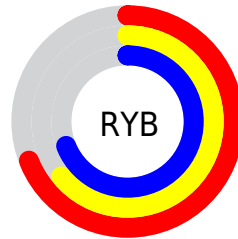
Distribution



Red (69%)

Green (64%)

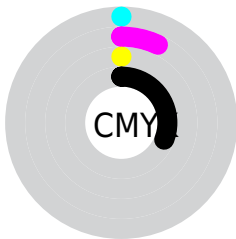
Blue (69%)



Red (69%)

Yellow (64%)

Blue (69%)

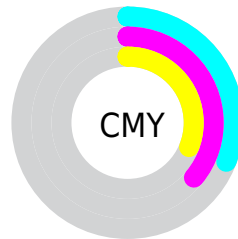


Cyan (0%)

Magenta (7%)

Yellow (0%)

Black (31%)



Cyan (31%)

Magenta (36%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3427, 39.0724, 47.0631 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 39.3427, 39.0724, 47.0631 by changing the saturation by 10% instead.

■ 39.3427, 39.0724,
47.0631

■ 39.3427, 39.0724,
47.0631

334.5274,
342.1982, 391.4674

■ 27.2084, 26.8161,
32.7308

■ 73.4523, 73.7489,
87.1588

■ 17.8672, 17.4351,
21.6509

■ 96.1582, 96.9379,
113.7593

■ 10.9538, 10.5452,
13.4048

123.1187,
124.5398, 145.2862

■ 6.1028, 5.7619,
7.5739

154.6992,
156.9391, 182.1582

■ 2.9490, 2.7009,
3.7397

191.2649,
194.5202, 224.7938

■ 1.1268, 0.9776,
1.4836

233.1813,

■ 0.0474, 0.0000,

237.6675, 273.6115

0.2057

280.8137,
286.7654, 329.0299

■ 0.0000, 0.0000,
0.0000

■ 39.3427, 39.0724,
47.0631

■ 39.3427, 39.0724,
47.0631

■ 36.3934, 33.1733,
46.0805

■ 42.7351, 45.8566,
48.1944

■ 33.8657, 28.1180,
45.2379

■ 46.5844, 53.5550,
49.4774

■ 31.7414, 23.8694,
44.5298

■ 50.9076, 62.2014,
50.9185

■ 29.9996, 20.3860,
43.9493

■ 55.7203, 71.8267,
52.5227

■ 28.6176, 17.6222,
43.4886

■ 61.0371, 82.4602,
54.2949

■ 27.5704, 15.5277,
43.1396

■ 61.8280, 84.0418,
54.5585

■ 26.8294, 14.0459,
42.8926

■ 61.8280, 84.0418,
54.5586

■ 26.3617, 13.1107,
42.7367

■ 61.8281, 84.0419,
54.5586

■ 26.1180, 12.6234,
42.6555

■ 61.8282, 84.0419,
54.5586

Harmonies

Analogous

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



38.2590, 39.0724, 49.8020



39.3427, 39.0724, 47.0631



39.8362, 39.0724, 43.2325

Triad

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



39.3427, 39.0724, 47.0631



37.3771, 39.0724, 35.4312



34.7859, 39.0724, 45.8043

Complementary

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



39.3427, 39.0724, 47.0631



37.7344, 42.0182, 41.2456

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.



34.5629, 39.0724, 41.8612



39.3427, 39.0724, 47.0631



36.0374, 39.0724, 36.0264

Square

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



39.3427, 39.0724, 47.0631



38.6835, 39.0724, 36.6436



35.0156, 39.0724, 38.3224



35.6325, 39.0724, 49.0443

Rectangle

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



39.3427, 39.0724, 47.0631



39.7554, 39.0724, 40.6346



35.0156, 39.0724, 38.3224



34.6364, 39.0724, 44.5107

Sweetspot

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



39.3438, 39.0741, 47.0639



73.5865, 76.2273, 85.3302



36.5617, 37.6975, 46.9449



15.9620, 16.5490, 18.4973



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.



39.3438, 39.0741, 47.0639



69.4480, 67.9504, 83.9507



38.7319, 38.8293, 43.8414



8.8501, 8.6467, 10.7089



18.8862, 9.0720, 30.8926



0.5942, 0.2854, 0.9720

Inverse Universe

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



38.1092, 38.5802, 40.5623



66.7248, 66.8611, 69.6100



38.3159, 42.2508, 44.3080



8.4964, 8.5053, 8.8464



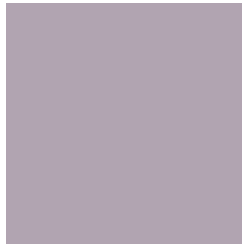
13.1369, 6.7723, 0.6149



0.4133, 0.2131, 0.0194

Previews

White Background



This preview shows how the XYZ color 39.3427, 39.0724, 47.0631 looks on a white background.

Color Contrast Check

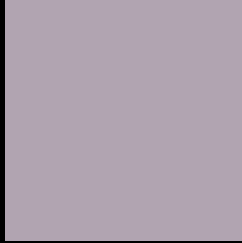
Large Text (above 18pt) WCAG AA × Fail

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 39.3427, 39.0724, 47.0631 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 39.3427, 39.0724, 47.0631

Background



This preview shows how black text looks on a background with the XYZ color 39.3427, 39.0724, 47.0631.



This preview shows how white text looks on a background with the XYZ color 39.3427, 39.0724,

47.0631.

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

39.3427, 39.0724, 47.0631

Protanopia

38.1038, 39.2169, 48.2092

Deuteranopia

39.8554, 39.0720, 47.0360



Tritanopia

39.3427, 39.0724, 47.0631

Trichromacy



Original Color

39.3427, 39.0724, 47.0631

Protanomaly

38.4667, 39.1447, 47.6478

Deuteranomaly

39.6234, 38.9524, 47.0252

Tritanomaly

39.3427, 39.0724, 47.0631

Monochromacy



Original Color

39.3427, 39.0724, 47.0631

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.2784, 39.3866, 44.6146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3427, 39.0724, 47.0631 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, 164, 177)` looks like.

```
.text, #text, p{  
    color:rgb(177, 164, 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, 164, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 164, 177) }
```

Border

The CSS property to change the border of an element to XYZ 39.3427, 39.0724, 47.0631 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, 164, 177) }
```


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

```
.border{ border-color:rgb(177, 164, 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, 164, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 164, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 164, 177);  
box-shadow:4px 4px 4px 4px rgb(177, 164,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3427, 39.0724, 47.0631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 164, 177) }
```

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

```
.background{ background-color: rgb(177,  
164, 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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