

Converting Colors

XYZ(39.7139, 41.1901, 47.3616)

Have a look what the booklet for
XYZ(39.7139, 41.1901, 47.3616)
contains.

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Color

**XYZ(39.7323, 41.1844,
47.4502)**

Conversions

Conversions Part 1

Format	Color
Hex	ADABB1
RGB	173, 171, 177
RGB Percent	68%, 67%, 69%
CMY	0.3216, 0.3294, 0.3059
CMYK	0.02, 0.03, 0.00, 0.31
HSL	260°, 4%, 68%
HSV	260°, 3%, 69%
XYZ	39.7323, 41.1844, 47.4502
YIQ	172.2820, -0.7340, 2.2900

Conversions

Conversions Part 2

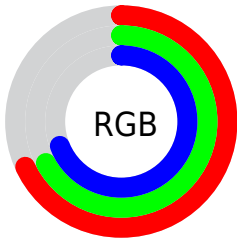
Format	Color
RYB	173, 171, 177
Decimal	11381681
CIELab	70.30, 1.85, -2.83
CIELCh	70, 3.382, 303.212
Yxy	41.1844, 0.3095, 0.3208
Android (android.graphics.Color)	4289571761 (0xFFADABB1)
YUV	172.2820, 2.3260, 0.6297
Hunter-Lab	64.1751, -1.7928, 1.0843

Details

The XYZ color **39.7323, 41.1844, 47.4502** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.7536, 43.4996, 44.7785**, and the grayscale version is **39.3453, 41.3944, 45.0785**.

A 20% lighter version of the original color is **73.8992, 76.7699, 88.0140**, and **18.1201, 18.7138, 21.7259** is the 20% darker color. If you saturate the color by 10%, you get **34.1143, 33.6539, 46.2934**, and if you desaturate by 10%, it is **46.0311, 49.7328, 48.7688**.

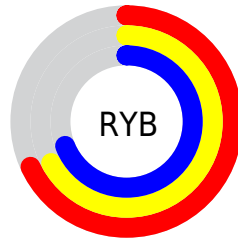
Distribution



Red (68%)

Green (67%)

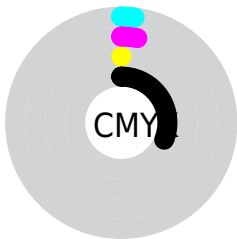
Blue (69%)



Red (68%)

Yellow (67%)

Blue (69%)

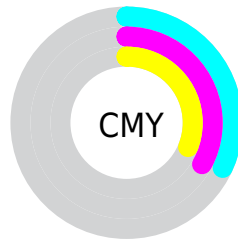


Cyan (2%)

Magenta (3%)

Yellow (0%)

Black (31%)



Cyan (32%)

Magenta (33%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7323, 41.1844, 47.4502 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 39.7323, 41.1844, 47.4502 by changing the saturation by 10% instead.

■ 39.7323, 41.1844,
47.4502

■ 39.7323, 41.1844,
47.4502

336.1478,
351.0907, 393.0544

■ 27.5132, 28.4632,
33.0348

■ 74.0426, 76.9637,
87.7422

■ 18.0976, 18.6751,
21.8818

96.8645, 100.7907,
114.4560

■ 11.1202, 11.4358,
13.5726

123.9514,
129.0883, 146.1062

■ 6.2156, 6.3607,
7.6886

155.6686,
162.2410, 183.1116

■ 3.0185, 3.0657,
3.8115

192.3815,
200.6332, 225.8905

■ 1.1636, 1.1661,
1.5225

234.4554,

■ 0.0773, 0.0338,

244.6493, 274.8616

0.2346

282.2557,
294.6737, 330.4434

■ 0.0000, 0.0000,
0.0000

■ 39.7323, 41.1844,
47.4502

■ 39.7323, 41.1844,
47.4502

■ 34.1143, 33.6539,
46.2934

■ 46.0311, 49.7328,
48.7688

■ 29.1500, 27.0976,
45.2895

■ 53.0295, 59.3301,
50.2525

■ 24.8155, 21.4764,
44.4330

■ 60.7501, 70.0126,
51.9075

■ 21.0841, 16.7466,
43.7167

■ 69.2132, 81.8132,
53.7391

■ 17.9271, 12.8607,
43.1331

■ 76.9846, 91.8553,
55.2679

■ 15.3133, 9.7669,
42.6737

■ 80.9475, 93.8982,
55.4533

■ 13.2081, 7.4074,
42.3292

■ 84.9359, 95.9544,
55.6400

■ 11.5727, 5.7162,
42.0889

■ 10.3613, 4.6146,
41.9402

Harmonies

Analogous

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



39.2044, 41.1844, 47.9658



39.7323, 41.1844, 47.4502



40.1054, 41.1844, 46.2352

Triad

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



39.7323, 41.1844, 47.4502



39.6277, 41.1844, 42.1681



38.0881, 41.1844, 45.0144

Complementary

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



39.7323, 41.1844, 47.4502



40.7536, 43.4996, 44.7785

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.



38.1991, 41.1844, 43.4787



39.7323, 41.1844, 47.4502



39.0847, 41.1844, 41.8584

Square

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



39.7323, 41.1844, 47.4502



40.0447, 41.1844, 43.1886



38.5626, 41.1844, 42.3327



38.2580, 41.1844, 46.5387

Rectangle

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



39.7323, 41.1844, 47.4502



40.2144, 41.1844, 45.2052



38.5626, 41.1844, 42.3327



38.0938, 41.1844, 44.4823

Sweetspot

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



39.7335, 41.1862, 47.4511



73.7231, 77.2244, 85.5155



40.0813, 42.5325, 47.6926



15.9901, 16.7536, 18.5353



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.



39.7335, 41.1862, 47.4511



70.4378, 72.7876, 84.8322



40.3819, 41.5204, 47.4814



8.9085, 9.1805, 10.8088



7.1125, 3.0024, 30.3416



0.2872, 0.1272, 0.9576

Inverse Universe

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



40.4337, 41.5700, 46.4523



71.9385, 73.6103, 82.6873



40.1095, 43.1675, 44.7484



9.1273, 9.3005, 10.4955



15.5376, 7.7326, 13.2571



0.5146, 0.2536, 0.5525

Previews

White Background



This preview shows how the XYZ color 39.7323, 41.1844, 47.4502 looks on a white background.

Color Contrast Check

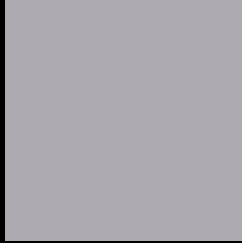
Large Text (above 18pt) WCAG AA × Fail

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 39.7323, 41.1844, 47.4502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

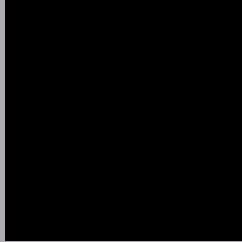
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.7323, 41.1844, 47.4502

Background



This preview shows how black text looks on a background with the XYZ color 39.7323, 41.1844, 47.4502.



This preview shows how white text looks on a background with the XYZ color 39.7323, 41.1844,

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

39.7323, 41.1844, 47.4502

Protanopia

39.7323, 41.1844, 47.4502

Deuteranopia

42.1043, 41.2909, 47.8703



Tritanopia

40.3775, 41.1670, 50.6177

Trichromacy



Original Color

39.7323, 41.1844, 47.4502

Protanomaly

39.7323, 41.1844, 47.4502

Deuteranomaly

41.0946, 41.0434, 47.8757

Tritanomaly

40.1708, 41.0843, 49.5289

Monochromacy



Original Color

39.7323, 41.1844, 47.4502

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.4058, 41.3317, 45.9453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7323, 41.1844, 47.4502 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(173, 171, 177)` looks like.

```
.text, #text, p{  
    color:rgb(173, 171, 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(173, 171, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 171, 177) }
```

Border

The CSS property to change the border of an element to XYZ 39.7323, 41.1844, 47.4502 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(173, 171, 177) }
```


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

```
.border{ border-color:rgb(173, 171, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 171, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 171, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 171, 177);  
box-shadow:4px 4px 4px 4px rgb(173, 171,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7323, 41.1844, 47.4502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 171, 177) }
```

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

```
.background{ background-color: rgb(173,  
171, 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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