

Converting Colors

XYZ(39.7240, 41.4844, 46.4711)

Have a look what the booklet for
XYZ(39.7240, 41.4844, 46.4711)
contains.

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Color

**XYZ(39.7240, 41.4844,
46.4711)**

Conversions

Conversions Part 1

Format	Color
Hex	ADACAF
RGB	173, 172, 175
RGB Percent	68%, 67%, 69%
CMY	0.3216, 0.3255, 0.3137
CMYK	0.01, 0.02, 0.00, 0.31
HSL	260°, 2%, 68%
HSV	260°, 2%, 69%
XYZ	39.7240, 41.4844, 46.4711
YIQ	172.6410, -0.3670, 1.1450

Conversions

Conversions Part 2

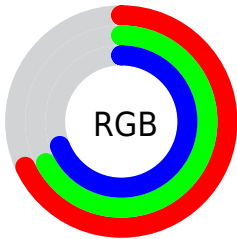
Format	Color
RYB	173, 172, 175
Decimal	11381935
CIELab	70.51, 0.93, -1.42
CIELCh	71, 1.694, 303.110
Yxy	41.4844, 0.3111, 0.3249
Android (android.graphics.Color)	4289572015 (0xFFADACAF)
YUV	172.6410, 1.1630, 0.3148
Hunter-Lab	64.4084, -2.6244, 2.3077

Details

The XYZ color **39.7240, 41.4844, 46.4711** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.2334, 42.6383, 45.1412**, and the grayscale version is **39.5331, 41.5919, 45.2936**.

A 20% lighter version of the original color is **73.7469, 77.1453, 85.8666**, and **18.1768, 18.9279, 21.4343** is the 20% darker color. If you saturate the color by 10%, you get **34.1405, 33.9840, 45.3183**, and if you desaturate by 10%, it is **45.9742, 49.9820, 47.7825**.

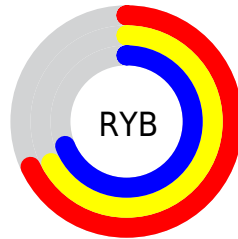
Distribution



Red (68%)

Green (67%)

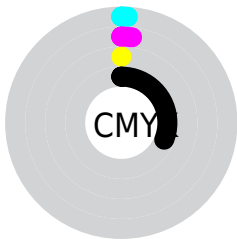
Blue (69%)



Red (68%)

Yellow (67%)

Blue (69%)

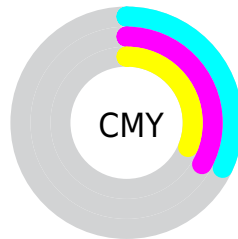


Cyan (1%)

Magenta (2%)

Yellow (0%)

Black (31%)



Cyan (32%)

Magenta (33%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7240, 41.4844, 46.4711 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 39.7240, 41.4844, 46.4711 by changing the saturation by 10% instead.

■ 39.7240, 41.4844,
46.4711

■ 39.7240, 41.4844,
46.4711

336.1133,
352.3411, 389.0319

■ 27.5067, 28.6978,
32.2664

■ 74.0301, 77.4187,
86.2653

■ 18.0927, 18.8523,
21.2985

96.8495, 101.3351,
112.6919

■ 11.1166, 11.5636,
13.1490

123.9337,
129.7303, 144.0295

■ 6.2132, 6.4473,
7.3993

155.6480,
162.9886, 180.6966

■ 3.0170, 3.1189,
3.6309

192.3577,
201.4945, 223.1119

■ 1.1628, 1.1941,
1.4251

234.4283,

■ 0.0767, 0.0569,

245.6322, 271.6939

0.1612

282.2250,
295.7863, 326.8610

■ 0.0000, 0.0000,
0.0000

■ 39.7240, 41.4844,
46.4711

■ 39.7240, 41.4844,
46.4711

■ 34.1405, 33.9840,
45.3183

■ 45.9742, 49.9820,
47.7825

■ 29.1973, 27.4383,
44.3154

■ 52.9091, 59.5063,
49.2554

■ 24.8715, 21.8099,
43.4570

■ 60.5506, 70.0924,
50.8960

■ 21.1375, 17.0567,
42.7363

■ 68.9182, 81.7722,
52.7094

■ 17.9677, 13.1333,
42.1461

■ 76.5771, 91.6681,
54.2158

■ 15.3322, 9.9900,
41.6783

■ 80.4810, 93.6807,
54.3985

■ 13.1981, 7.5718,
41.3240

■ 84.6413, 95.8254,
54.5932

■ 11.5283, 5.8160,
41.0731

■ 84.7380, 95.8752,
54.5977

■ 10.2797, 4.6488,
40.9136

Harmonies

Analogous

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



39.4588, 41.4844, 46.7240



39.7240, 41.4844, 46.4711



39.9110, 41.4844, 45.8692

Triad

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



39.7240, 41.4844, 46.4711



39.6733, 41.4844, 43.8105



38.8954, 41.4844, 45.2530

Complementary

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



39.7240, 41.4844, 46.4711



40.2334, 42.6383, 45.1412

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.



38.9523, 41.4844, 44.4768



39.7240, 41.4844, 46.4711



39.4005, 41.4844, 43.6498

Square

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



39.7240, 41.4844, 46.4711



39.8816, 41.4844, 44.3338



39.1368, 41.4844, 43.8924



38.9812, 41.4844, 46.0155

Rectangle

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



39.7240, 41.4844, 46.4711



39.9657, 41.4844, 45.3544



39.1368, 41.4844, 43.8924



38.8985, 41.4844, 44.9851

Sweetspot

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



39.7252, 41.4862, 46.4720



71.8845, 75.2988, 83.3823



39.8983, 42.1586, 46.5927



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.



39.7252, 41.4862, 46.4720



70.8049, 73.8392, 83.1574



40.0477, 41.6524, 46.4871



8.7497, 9.1317, 10.2541



6.8600, 2.8963, 29.2420



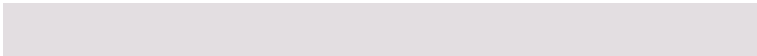
0.2498, 0.1109, 0.8162

Inverse Universe

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



40.0731, 41.6768, 45.9787



71.5440, 74.2442, 82.1087



39.9120, 42.4726, 45.1262



8.8330, 9.1773, 10.1360



14.9795, 7.4544, 12.8036



0.4407, 0.2170, 0.4824

Previews

White Background



This preview shows how the XYZ color 39.7240, 41.4844, 46.4711 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 39.7240, 41.4844, 46.4711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

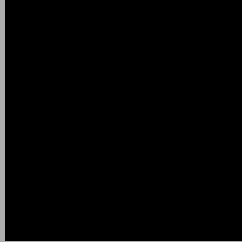
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

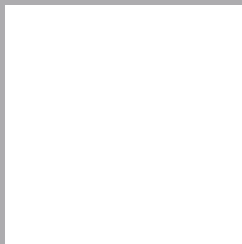
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.7240, 41.4844, 46.4711

Background



This preview shows how black text looks on a background with the XYZ color 39.7240, 41.4844, 46.4711.



This preview shows how white text looks on a background with the XYZ color 39.7240, 41.4844,

46.4711.

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

39.7240, 41.4844, 46.4711

Protanopia

39.9800, 41.3349, 46.4287

Deuteranopia

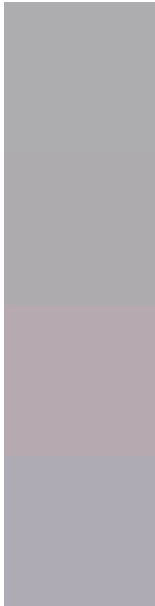
42.1487, 41.3368, 46.8316



Tritanopia

40.6702, 41.5852, 51.2306

Trichromacy



Original Color

39.7240, 41.4844, 46.4711

Protanomaly

39.7563, 41.2196, 46.4182

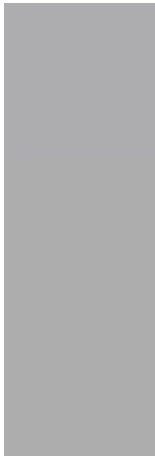
Deuteranomaly

41.3158, 41.4556, 46.8984

Tritanomaly

40.3590, 41.4607, 49.5916

Monochromacy



Original Color

39.7240, 41.4844, 46.4711

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.8171, 41.8274, 46.0193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7240, 41.4844, 46.4711 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, 172, 175)` looks like.

```
.text, #text, p{  
    color:rgb(173, 172, 175)  
}
```

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, 172, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 172, 175) }
```

Border

The CSS property to change the border of an element to XYZ 39.7240, 41.4844, 46.4711 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, 172, 175) }
```


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

```
.border{ border-color:rgb(173, 172, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 172, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 172, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 172, 175);  
box-shadow:4px 4px 4px 4px rgb(173, 172,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7240, 41.4844, 46.4711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 172, 175) }
```

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

```
.background{ background-color: rgb(173,  
172, 175) }
```

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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