

Converting Colors

XYZ(39.6691, 41.4753, 47.6637)

Have a look what the booklet for
XYZ(39.6691, 41.4753, 47.6637)
contains.

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Color

**XYZ(39.7016, 41.4500,
47.5031)**

Conversions

Conversions Part 1

Format	Color
Hex	ACACB1
RGB	172, 172, 177
RGB Percent	67%, 67%, 69%
CMY	0.3255, 0.3255, 0.3059
CMYK	0.03, 0.03, 0.00, 0.31
HSL	240°, 3%, 68%
HSV	240°, 3%, 69%
XYZ	39.7016, 41.4500, 47.5031
YIQ	172.5700, -1.6050, 1.5550

Conversions

Conversions Part 2

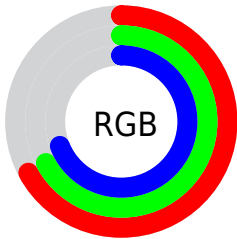
Format	Color
RYB	172, 172, 177
Decimal	11316401
CIELab	70.49, 0.96, -2.57
CIELCh	70, 2.740, 290.473
Yxy	41.4500, 0.3086, 0.3222
Android (android.graphics.Color)	4289506481 (0xFFACACB1)
YUV	172.5700, 2.1840, -0.4999
Hunter-Lab	64.3817, -2.5941, 1.3209

Details

The XYZ color **39.7016, 41.4500, 47.5031** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.3001, 43.7696, 45.3021**, and the grayscale version is **39.4925, 41.5492, 45.2470**.

A 20% lighter version of the original color is **73.8556, 77.1523, 88.0901**, and **18.1003, 18.8812, 21.7592** is the 20% darker color. If you saturate the color by 10%, you get **32.9271, 33.2887, 46.2855**, and if you desaturate by 10%, it is **47.4441, 50.7780, 48.8961**.

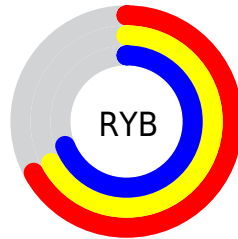
Distribution



Red (67%)

Green (67%)

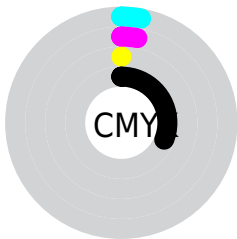
Blue (69%)



Red (67%)

Yellow (67%)

Blue (69%)

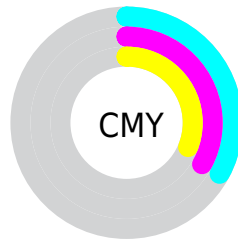


Cyan (3%)

Magenta (3%)

Yellow (0%)

Black (31%)



Cyan (33%)

Magenta (33%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7016, 41.4500, 47.5031 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 39.7016, 41.4500, 47.5031 by changing the saturation by 10% instead.

■ 39.7016, 41.4500,
47.5031

■ 39.7016, 41.4500,
47.5031

336.0203,
352.1979, 393.2709

■ 27.4891, 28.6709,
33.0764

■ 73.9961, 77.3665,
87.8219

■ 18.0794, 18.8320,
21.9134

96.8089, 101.2727,
114.5511

■ 11.1070, 11.5489,
13.5955

123.8859,
129.6568, 146.2182

■ 6.2067, 6.4373,
7.7044

155.5923,
162.9030, 183.2417

■ 3.0130, 3.1128,
3.8213

192.2936,
201.3958, 226.0402

■ 1.1607, 1.1909,
1.5278

234.3551,

■ 0.0750, 0.0543,

245.5196, 275.0322

0.2385

282.1423,
295.6589, 330.6362

■ 0.0000, 0.0000,
0.0000

■ 39.7016, 41.4500,
47.5031

■ 39.7016, 41.4500,
47.5031

■ 32.9271, 33.2887,
46.2855

■ 47.4441, 50.7780,
48.8961

■ 27.0793, 26.2432,
45.2338

■ 56.1868, 61.3105,
50.4683

■ 22.1188, 20.2666,
44.3416

■ 65.9649, 73.0902,
52.2267

■ 18.0024, 15.3068,
43.6013

■ 76.8108, 86.1560,
54.1770

■ 14.6830, 11.3072,
43.0042

■ 84.9359, 95.9544,
55.6400

■ 12.1093, 8.2057,
42.5412

■ 10.2234, 5.9329,
42.2019

■ 8.9596, 4.4093,
41.9744

■ 8.2387, 3.5401,
41.8447

Harmonies

Analogous

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



39.2534, 41.4500, 47.6303



39.7016, 41.4500, 47.5031



40.0708, 41.4500, 46.7340

Triad

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



39.7016, 41.4500, 47.5031



39.9524, 41.4500, 43.2401



38.5465, 41.4500, 44.7215

Complementary

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



39.7016, 41.4500, 47.5031



41.3001, 43.7696, 45.3021

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.



38.7307, 41.4500, 43.5670



39.7016, 41.4500, 47.5031



39.5409, 41.4500, 42.7226

Square

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



39.7016, 41.4500, 47.5031



40.2164, 41.4500, 44.2674



39.0939, 41.4500, 42.8412



38.5887, 41.4500, 46.0078

Rectangle

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



39.7016, 41.4500, 47.5031



40.2214, 41.4500, 45.9687



39.0939, 41.4500, 42.8412



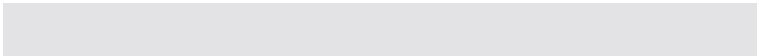
38.5839, 41.4500, 44.3055

Sweetspot

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



39.7028, 41.4518, 47.5040



73.4816, 77.1004, 85.5043



40.6636, 43.3866, 47.7833



15.9406, 16.7281, 18.5330



84.5950, 89.0005, 96.9216



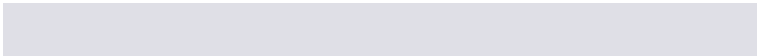
16.2198, 17.0645, 18.5832

Same Dimension

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



39.7028, 41.4518, 47.5040



70.8116, 73.8838, 85.0241



40.2376, 41.7267, 47.5289



8.9245, 9.2936, 10.8298



5.7506, 2.3016, 30.2782



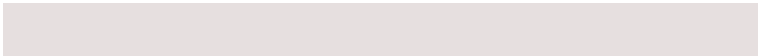
0.1811, 0.0727, 0.9527

Inverse Universe

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



40.3313, 41.8315, 44.9804



72.0257, 74.6174, 80.1492



40.7550, 43.4893, 45.2767



9.1131, 9.4076, 10.0726



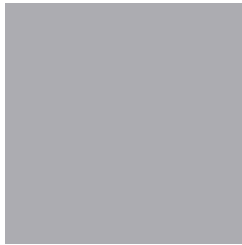
13.1373, 6.7725, 0.6171



0.4134, 0.2131, 0.0197

Previews

White Background



This preview shows how the XYZ color 39.7016, 41.4500, 47.5031 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 39.7016, 41.4500, 47.5031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

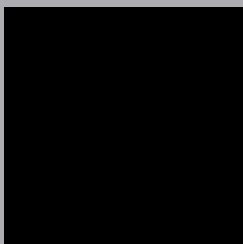
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

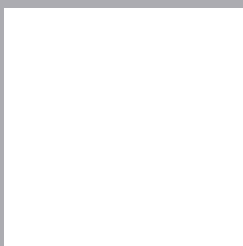
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.7016, 41.4500, 47.5031

Background



This preview shows how black text looks on a background with the XYZ color 39.7016, 41.4500, 47.5031.



This preview shows how white text looks on a background with the XYZ color 39.7016, 41.4500,

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

39.7016, 41.4500, 47.5031

Protanopia

39.9543, 41.2988, 47.4606

Deuteranopia

42.1043, 41.2909, 47.8703



Tritanopia

40.4482, 41.4707, 51.2202

Trichromacy



Original Color

39.7016, 41.4500, 47.5031

Protanomaly

39.7323, 41.1844, 47.4502

Deuteranomaly

41.2799, 41.4140, 47.9375

Tritanomaly

40.1370, 41.3463, 49.5812

Monochromacy



Original Color

39.7016, 41.4500, 47.5031

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 39.7016, 41.4500, 47.5031 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(172, 172, 177)` looks like.

```
.text, #text, p{  
    color:rgb(172, 172, 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(172, 172, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 172, 177) }
```

Border

The CSS property to change the border of an element to XYZ 39.7016, 41.4500, 47.5031 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(172, 172, 177) }
```


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

```
.border{ border-color:rgb(172, 172, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 172, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 172, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 172, 177);  
box-shadow:4px 4px 4px 4px rgb(172, 172,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7016, 41.4500, 47.5031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 172, 177) }
```

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

```
.background{ background-color: rgb(172,  
172, 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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