

Converting Colors

XYZ(39.1139, 42.5962, 39.5435)

Have a look what the booklet for
XYZ(39.1139, 42.5962, 39.5435)
contains.

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Color

**XYZ(39.1041, 42.4730,
39.3948)**

Conversions

Conversions Part 1

Format	Color
Hex	ADB0A0
RGB	173, 176, 160
RGB Percent	68%, 69%, 63%
CMY	0.3216, 0.3098, 0.3725
CMYK	0.02, 0.00, 0.09, 0.31
HSL	71°, 9%, 66%
HSV	71°, 9%, 69%
XYZ	39.1041, 42.4730, 39.3948
YIQ	173.2790, 3.3480, -5.6120

Conversions

Conversions Part 2

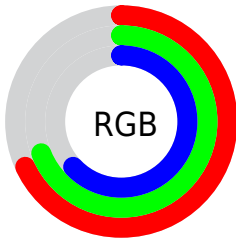
Format	Color
RYB	160, 176, 163
Decimal	11382944
CIELab	71.20, -3.97, 7.82
CIELCh	71, 8.773, 116.893
Yxy	42.4730, 0.3232, 0.3511
Android (android.graphics.Color)	4289573024 (0xFFADB0A0)
YUV	173.2790, -6.5465, -0.2447
Hunter-Lab	65.1713, -6.9462, 9.7803

Details

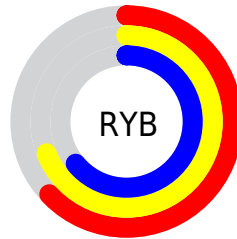
The XYZ color **39.1041, 42.4730, 39.3948** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.5132, 36.0639, 46.1659**, and the grayscale version is **39.8950, 41.9727, 45.7083**.

A 20% lighter version of the original color is **73.1173, 79.1135, 75.7067**, and **17.8531, 19.5844, 17.3072** is the 20% darker color. If you saturate the color by 10%, you get **36.9511, 41.5298, 31.8178**, and if you desaturate by 10%, it is **41.4955, 43.5164, 48.1226**.

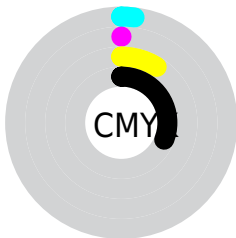
Distribution



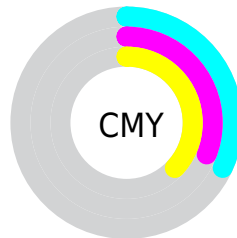
- Red (68%)
- Green (69%)
- Blue (63%)



- Red (63%)
- Yellow (69%)
- Blue (64%)



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)
- Black (31%)



- Cyan (32%)
- Magenta (31%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.1041, 42.4730, 39.3948 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 39.1041, 42.4730, 39.3948 by changing the saturation by 10% instead.

■ 39.1041, 42.4730,
39.3948

■ 39.1041, 42.4730,
39.3948

333.5324,
356.4400, 359.0421

■ 27.0218, 29.4718,
26.7568

■ 73.0904, 78.9150,
75.4680

■ 17.7263, 19.4380,
17.1598

■ 95.7251, 103.1246,
99.7403

■ 10.8521, 11.9872,
10.1854

122.6079,
131.8392, 128.7278

■ 6.0341, 6.7350,
5.4148

154.1043,
165.4431, 162.8491

■ 2.9067, 3.2969,
2.4297

190.5796,
204.3207, 202.5226

■ 1.1046, 1.2886,
0.8025

232.3992,

■ 0.0290, 0.1324,

248.8565, 248.1669

0.0000

279.9283,
299.4348, 300.2005

■ 0.0000, 0.0000,
0.0000

■ 39.1041, 42.4730,
39.3948

■ 39.1041, 42.4730,
39.3948

■ 36.9511, 41.5298,
31.8178

■ 41.4955, 43.5164,
48.1226

■ 35.0238, 40.6776,
25.3409

■ 44.1305, 44.6579,
58.0436

■ 33.3135, 39.9143,
19.9136

■ 47.0186, 45.9028,
69.2015

■ 31.8095, 39.2355,
15.4804

■ 50.1675, 47.2542,
81.6369

■ 30.5001, 38.6366,
11.9808

■ 53.5848, 48.7150,
95.3885

■ 29.3726, 38.1125,
9.3477

■ 55.5228, 49.5863,
101.2525

■ 28.4122, 37.6572,
7.5048

■ 56.3734, 50.0248,
101.2923

■ 27.6019, 37.2639,
6.3629

■ 57.2429, 50.4730,
101.3330

■ 26.9097, 36.9198,
5.7538

■ 58.1314, 50.9311,
101.3746

Harmonies

Analogous

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



40.5227, 42.4730, 38.6238



39.1041, 42.4730, 39.3948



38.0474, 42.4730, 41.9633

Triad

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



39.1041, 42.4730, 39.3948



38.8449, 42.4730, 53.3643



43.2583, 42.4730, 46.6860

Complementary

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



39.1041, 42.4730, 39.3948



35.5132, 36.0639, 46.1659

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.



42.7838, 42.4730, 50.8103



39.1041, 42.4730, 39.3948



40.2163, 42.4730, 54.8101

Square

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



39.1041, 42.4730, 39.3948



37.9003, 42.4730, 50.0054



41.6615, 42.4730, 53.8485



42.9433, 42.4730, 42.6797

Rectangle

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



39.1041, 42.4730, 39.3948



37.6782, 42.4730, 44.4342



41.6615, 42.4730, 53.8485



43.1856, 42.4730, 48.1062

Sweetspot

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



39.1053, 42.4748, 39.3957



73.4862, 78.1507, 80.7517



37.3365, 37.9401, 38.6137



15.8504, 16.9037, 17.2249



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.



39.1053, 42.4748, 39.3957



70.0647, 76.6569, 68.3907



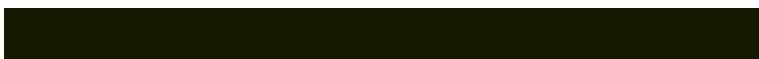
37.4029, 41.5972, 39.3160



9.0376, 9.8245, 9.0725



19.7446, 27.0888, 4.1880



0.6617, 0.8732, 0.1337

Inverse Universe

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



35.5132, 36.0639, 46.1659



62.1588, 62.5465, 83.2918



37.1888, 36.9277, 46.2443



8.1859, 8.3043, 10.6778



6.2485, 2.5570, 30.3012



0.2408, 0.1032, 0.9555

Previews

White Background



This preview shows how the XYZ color 39.1041, 42.4730, 39.3948 looks on a white background.

Color Contrast Check

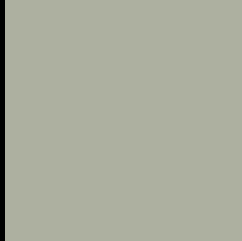
Large Text (above 18pt) WCAG AA × Fail

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 39.1041, 42.4730, 39.3948 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

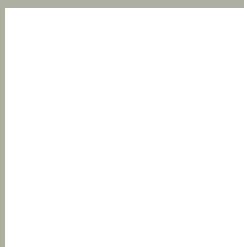
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.1041, 42.4730, 39.3948

Background



This preview shows how black text looks on a background with the XYZ color 39.1041, 42.4730, 39.3948.



This preview shows how white text looks on a background with the XYZ color 39.1041, 42.4730,

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

39.1041, 42.4730, 39.3948

Protanopia

40.4501, 42.5991, 38.8914

Deuteranopia

43.2892, 42.3497, 40.0751



Tritanopia

41.7469, 42.3973, 52.4376

Trichromacy



Original Color

39.1041, 42.4730, 39.3948

Protanomaly

39.9481, 42.6281, 38.9234

Deuteranomaly

41.7350, 42.3904, 39.7007

Tritanomaly

40.7839, 42.2916, 47.6085

Monochromacy



Original Color

39.1041, 42.4730, 39.3948

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

39.4375, 41.9835, 43.0708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1041, 42.4730, 39.3948 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, 176, 160)` looks like.

```
.text, #text, p{  
    color:rgb(173, 176, 160)  
}
```

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, 176, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 176, 160) }
```

Border

The CSS property to change the border of an element to XYZ 39.1041, 42.4730, 39.3948 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, 176, 160) }
```


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

```
.border{ border-color:rgb(173, 176, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 176, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 176, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 176, 160);  
box-shadow:4px 4px 4px 4px rgb(173, 176,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1041, 42.4730, 39.3948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 176, 160) }
```

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

```
.background{ background-color: rgb(173,  
176, 160) }
```

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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