

Converting Colors

XYZ(38.8322, 41.4590, 39.6739)

Have a look what the booklet for
XYZ(38.8322, 41.4590, 39.6739)
contains.

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Color

**XYZ(38.8322, 41.4590,
39.6739)**

Conversions

Conversions Part 1

Format	Color
Hex	AEADA1
RGB	174, 173, 161
RGB Percent	68%, 68%, 63%
CMY	0.3176, 0.3216, 0.3686
CMYK	0.00, 0.01, 0.07, 0.32
HSL	55°, 7%, 66%
HSV	55°, 7%, 68%
XYZ	38.8322, 41.4590, 39.6739
YIQ	171.9310, 4.4480, -3.5200

Conversions

Conversions Part 2

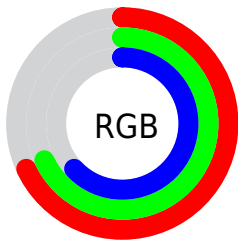
Format	Color
RYB	162, 174, 161
Decimal	11447713
CIELab	70.50, -1.82, 6.28
CIELCh	70, 6.540, 106.132
Yxy	41.4590, 0.3237, 0.3456
Android (android.graphics.Color)	4289637793 (0xFFAEADA1)
YUV	171.9310, -5.3890, 1.8145
Hunter-Lab	64.3887, -5.0285, 8.5398

Details

The XYZ color **38.8322, 41.4590, 39.6739** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.2583, 36.4733, 45.2268**, and the grayscale version is **39.2036, 41.2452, 44.9160**.

A 20% lighter version of the original color is **72.4512, 77.1027, 76.0295**, and **17.6779, 18.9381, 17.4755** is the 20% darker color. If you saturate the color by 10%, you get **37.1492, 40.3797, 32.0621**, and if you desaturate by 10%, it is **40.7337, 42.6325, 48.4131**.

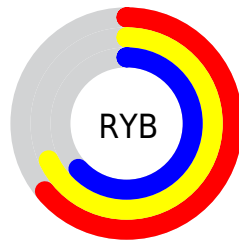
Distribution



Red (68%)

Green (68%)

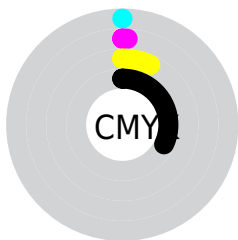
Blue (63%)



Red (64%)

Yellow (68%)

Blue (63%)

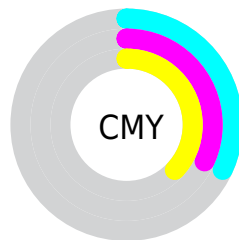


Cyan (0%)

Magenta (1%)

Yellow (7%)

Black (32%)



Cyan (32%)

Magenta (32%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.8322, 41.4590, 39.6739 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 38.8322, 41.4590, 39.6739 by changing the saturation by 10% instead.

■ 38.8322, 41.4590,
39.6739

■ 38.8322, 41.4590,
39.6739

332.3960,
352.2354, 360.2583

■ 26.8094, 28.6779,
26.9725

■ 72.6776, 77.3802,
75.8983

■ 17.5659, 18.8373,
17.3203

■ 95.2309, 101.2891,
100.2585

■ 10.7366, 11.5528,
10.2988

122.0250,
129.6760, 129.3420

■ 5.9560, 6.4399,
5.4893

153.4254,
162.9254, 163.5673

■ 2.8587, 3.1144,
2.4734

189.7973,
201.4216, 203.3531

■ 1.0795, 1.1917,
0.8260

231.5061,

■ 0.0079, 0.0549,

245.5491, 249.1178

0.0000

278.9173,
295.6922, 301.2801

■ 0.0000, 0.0000,
0.0000

■ 38.8322, 41.4590,
39.6739

■ 38.8322, 41.4590,
39.6739

■ 37.1492, 40.3797,
32.0621

■ 40.7337, 42.6325,
48.4131

■ 35.6723, 39.3856,
25.5288

■ 42.8584, 43.8980,
58.3205

■ 34.3935, 38.4748,
20.0255

■ 45.2154, 45.2606,
69.4381

■ 33.3025, 37.6431,
15.4990

■ 47.8121, 46.7231,
81.8052

■ 32.3884, 36.8863,
11.8914

■ 50.6555, 48.2885,
95.4593

■ 31.6390, 36.1993,
9.1385

■ 52.0321, 49.2713,
101.3757

■ 31.0404, 35.5768,
7.1679

■ 52.3048, 49.8167,
101.4666

■ 30.5768, 35.0122,
5.8955

■ 52.5801, 50.3673,
101.5583

■ 30.2236, 34.4957,
5.1917

■ 52.8580, 50.9232,
101.6510

Harmonies

Analogous

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



39.9047, 41.4590, 39.6182



38.8322, 41.4590, 39.6739



37.9294, 41.4590, 41.1501

Triad

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



38.8322, 41.4590, 39.6739



37.9859, 41.4590, 49.5600



41.4532, 41.4590, 46.5803

Complementary

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



38.8322, 41.4590, 39.6739



35.2583, 36.4733, 45.2268

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.



40.9195, 41.4590, 49.3837



38.8322, 41.4590, 39.6739



38.9106, 41.4590, 51.1563

Square

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



38.8322, 41.4590, 39.6739



37.4469, 41.4590, 46.8120



39.9845, 41.4590, 51.0903



41.4313, 41.4590, 43.5118

Rectangle

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



38.8322, 41.4590, 39.6739



37.5395, 41.4590, 42.7812



39.9845, 41.4590, 51.0903



41.3324, 41.4590, 47.5877

Sweetspot

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



38.8333, 41.4608, 39.6748



72.2631, 76.3394, 80.3227



36.7300, 37.1006, 39.4471



16.0697, 16.9725, 17.8914



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.



38.8333, 41.4608, 39.6748



69.8962, 74.8625, 69.4931



37.8426, 41.2350, 39.6834



8.6093, 9.2235, 8.5399



21.8803, 24.9662, 3.6657



0.6239, 0.7249, 0.1070

Inverse Universe

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



35.2583, 36.4733, 45.2268



62.0358, 63.8965, 81.7005



36.1988, 36.6985, 45.2207



7.6264, 7.8523, 10.0664



5.6673, 2.4684, 29.2223



0.1733, 0.0999, 0.8181

Previews

White Background



This preview shows how the XYZ color 38.8322, 41.4590, 39.6739 looks on a white background.

Color Contrast Check

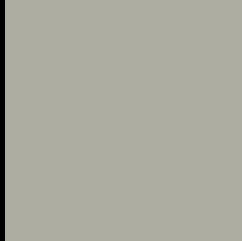
Large Text (above 18pt) WCAG AA × Fail

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 38.8322, 41.4590, 39.6739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

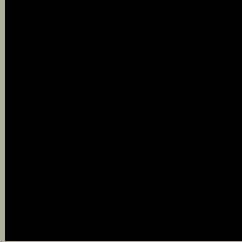
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

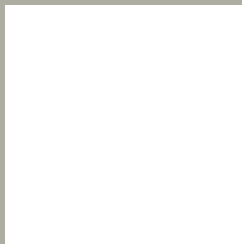
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.8322, 41.4590, 39.6739

Background



This preview shows how black text looks on a background with the XYZ color 38.8322, 41.4590, 39.6739.



This preview shows how white text looks on a background with the XYZ color 38.8322, 41.4590,

39.6739.

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

38.8322, 41.4590, 39.6739

Protanopia

39.4578, 41.5081, 39.1899

Deuteranopia

42.1501, 41.2185, 39.9168



Tritanopia

41.0534, 41.5155, 50.6493

Trichromacy



Original Color

38.8322, 41.4590, 39.6739

Protanomaly

39.2291, 41.3902, 39.1792

Deuteranomaly

40.9593, 41.4237, 40.0192

Tritanomaly

40.2053, 41.4511, 46.4393

Monochromacy



Original Color

38.8322, 41.4590, 39.6739

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

39.0540, 41.2164, 42.9430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.8322, 41.4590, 39.6739 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(174, 173, 161)` looks like.

```
.text, #text, p{  
    color:rgb(174, 173, 161)  
}
```

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(174, 173, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 173, 161) }
```

Border

The CSS property to change the border of an element to XYZ 38.8322, 41.4590, 39.6739 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(174, 173, 161) }
```


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

```
.border{ border-color:rgb(174, 173, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 173, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 173, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 173, 161);  
box-shadow:4px 4px 4px 4px rgb(174, 173,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 38.8322, 41.4590, 39.6739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 173, 161) }
```

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

```
.background{ background-color: rgb(174,  
173, 161) }
```

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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