

# Converting Colors

XYZ(41.6056, 42.9321, 39.3924)

Have a look what the booklet for  
XYZ(41.6056, 42.9321, 39.3924)  
contains.

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# **Color**

**XYZ(41.5384, 42.8643,  
39.3420)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BAADA0
RGB	186, 173, 160
RGB Percent	73%, 68%, 63%
CMY	0.2706, 0.3216, 0.3725
CMYK	0.00, 0.07, 0.14, 0.27
HSL	30°, 16%, 68%
HSV	30°, 14%, 73%
XYZ	41.5384, 42.8643, 39.3420
YIQ	175.4050, 11.9210, -1.2870

# Conversions

## Conversions Part 2

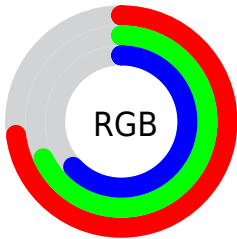
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	186, 186, 160
Decimal	12234144
CIE <sub>Lab</sub>	71.46, 2.44, 8.35
CIE <sub>LCh</sub>	71, 8.698, 73.688
Yxy	42.8643, 0.3357, 0.3464
Android (android.graphics.Color)	4290424224 (0xFFBAADA0)
YUV	175.4050, -7.5947, 9.2918
Hunter-Lab	65.4708, -1.3235, 10.2017

# Details

The XYZ color **41.5384, 42.8643, 39.3420** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.3035, 40.9050, 52.3313**, and the grayscale version is **40.9922, 43.1270, 46.9653**.

A 20% lighter version of the original color is **76.6271, 79.2703, 75.5520**, and **19.2706, 19.7654, 17.2674** is the 20% darker color. If you saturate the color by 10%, you get **38.3106, 38.8205, 30.8300**, and if you desaturate by 10%, it is **45.1361, 47.2575, 49.1794**.

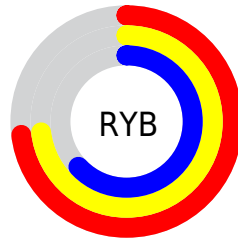
# Distribution



Red (73%)

Green (68%)

Blue (63%)



Red (73%)

Yellow (73%)

Blue (63%)

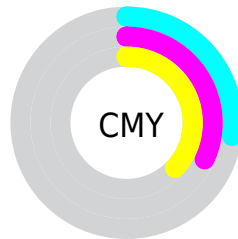


Cyan (0%)

Magenta (7%)

Yellow (14%)

Black (27%)



Cyan (27%)

Magenta (32%)


Yellow (37%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5384, 42.8643, 39.3420 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 41.5384, 42.8643, 39.3420 by changing the saturation by 10% instead.





 41.5384, 42.8643,  
39.3420


 41.5384, 42.8643,  
39.3420


343.5901,  
358.0534, 358.8116

 28.9295, 29.7787,  
26.7160


 76.7701, 79.5060,  
75.3866

 19.1715, 19.6706,  
17.1295


 100.1236,  
103.8309, 99.6422

 11.8990, 12.1559,  
10.1639


127.7895,  
132.6710, 128.6116

 6.7467, 6.8499,  
5.4008

160.1329,  
166.4107, 162.7130

 3.3491, 3.3684,  
2.4214

197.5193,  
205.4344, 202.3653

 1.3409, 1.3270,  
0.7981

240.3141,

 0.2136, 0.1619,

250.1265, 247.9867

0.0000

288.8826,  
300.8714, 299.9960

■ 0.0000, 0.0000,  
0.0000

■ 41.5384, 42.8643,  
39.3420

■ 41.5384, 42.8643,  
39.3420

■ 38.3106, 38.8205,  
30.8300

■ 45.1361, 47.2575,  
49.1794

■ 35.4359, 35.1110,  
23.5831

■ 49.1128, 52.0032,  
60.3935

■ 32.9014, 31.7280,  
17.5403

■ 53.4814, 57.1119,  
73.0362

■ 30.6917, 28.6609,  
12.6345

■ 58.2534, 62.5919,  
87.1558

■ 28.7902, 25.8989,  
8.7919

■ 63.4396, 68.4510,  
102.7985

■ 27.1787, 23.4299,  
5.9298

■ 66.2607, 73.5810,  
105.3180

■ 25.8361, 21.2408,  
3.9532

■ 68.8995, 78.8584,  
106.1976

■ 24.7379, 19.3167,  
2.7474

■ 71.6780, 84.4155,  
107.1237

■ 24.1666, 18.2726,  
2.2532

■ 74.0598, 89.1792,  
107.9177

# Harmonies

## Analogous

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



42.8146, 42.8643, 41.3127



41.5384, 42.8643, 39.3420



40.0776, 42.8643, 39.2567

# Triad

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



41.5384, 42.8643, 39.3420



38.0623, 42.8643, 48.6093



42.7203, 42.8643, 52.7589

# Complementary

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



41.5384, 42.8643, 39.3420



38.3035, 40.9050, 52.3313

# 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.



41.4122, 42.8643, 54.9667



41.5384, 42.8643, 39.3420



38.7359, 42.8643, 52.4757

# Square

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



41.5384, 42.8643, 39.3420



38.0943, 42.8643, 44.4402



39.9543, 42.8643, 54.8601



43.5081, 42.8643, 48.9772



# Rectangle

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



41.5384, 42.8643, 39.3420



39.1970, 42.8643, 40.2694



39.9543, 42.8643, 54.8601



42.3255, 42.8643, 53.7195

# Sweetspot

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



41.5396, 42.8662, 39.3429



81.7510, 85.5836, 88.9722



40.3638, 38.5984, 44.8585



17.8890, 18.7093, 19.2769



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

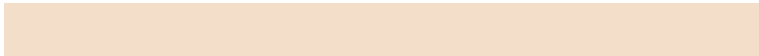


# Same Dimension

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



41.5396, 42.8662, 39.3429



73.2867, 75.2063, 65.9536



44.1541, 48.0953, 40.2144



9.3657, 9.7344, 9.4922



16.3334, 12.4431, 1.5409



0.6377, 0.5624, 0.0750



# Inverse Universe

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



38.3035, 40.9050, 52.3313



66.1993, 70.9110, 94.3995



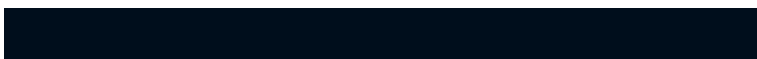
35.9315, 36.1610, 51.5407



8.8820, 9.4412, 11.4336



8.6696, 7.7988, 32.3015

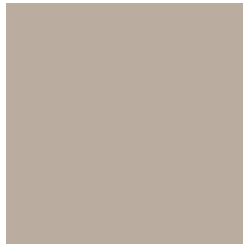


0.3675, 0.3987, 1.1593



# Previews

## White Background



This preview shows how the XYZ color 41.5384, 42.8643, 39.3420 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

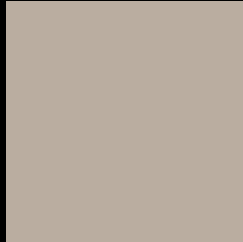
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 41.5384, 42.8643, 39.3420 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

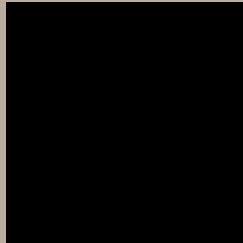
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 41.5384, 42.8643, 39.3420**

## **Background**



This preview shows how black text looks on a background with the XYZ color 41.5384, 42.8643, 39.3420.



This preview shows how white text looks on a background with the XYZ color 41.5384, 42.8643,

39.3420.

# 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

41.5384, 42.8643, 39.3420

### Protanopia

40.8605, 42.7904, 39.8240

### Deuteranopia

43.6469, 42.8195, 39.6828



## Tritanopia

43.9082, 42.9872, 50.7829

# Trichromacy



## Original Color

41.5384, 42.8643, 39.3420

## Protanomaly

41.0975, 42.9126, 39.8351

## Deuteranomaly

42.8001, 42.6601, 39.6966

## Tritanomaly

43.0398, 42.9123, 46.5719

# Monochromacy



## Original Color

41.5384, 42.8643, 39.3420

## Achromatopsia

40.7470, 42.8690, 46.6844

## Achromatomaly

40.9822, 42.7581, 44.1234

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 41.5384, 42.8643, 39.3420 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(186, 173, 160)` looks like.

```
.text, #text, p{  
    color:rgb(186, 173, 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(186, 173, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 173, 160) }
```

## Border

The CSS property to change the border of an element to XYZ 41.5384, 42.8643, 39.3420 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(186, 173, 160) }
```



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

```
.border{ border-color:rgb(186, 173, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 173, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 173, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 173, 160);  
box-shadow:4px 4px 4px 4px rgb(186, 173,  
160) }
```

# Background

The CSS property to change the background color of an element to XYZ 41.5384, 42.8643, 39.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 173, 160) }
```

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

```
.background{ background-color: rgb(186,  
173, 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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