

# Converting Colors

XYZ(41.8023, 43.6030, 39.0144)

Have a look what the booklet for  
XYZ(41.8023, 43.6030, 39.0144)  
contains.

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# **Color**

**XYZ(41.8377, 43.6023,  
39.0119)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BAAF9F
RGB	186, 175, 159
RGB Percent	73%, 69%, 62%
CMY	0.2706, 0.3137, 0.3765
CMYK	0.00, 0.06, 0.15, 0.27
HSL	36°, 16%, 68%
HSV	36°, 15%, 73%
XYZ	41.8377, 43.6023, 39.0119
YIQ	176.4650, 11.6920, -2.6440

# Conversions

## Conversions Part 2

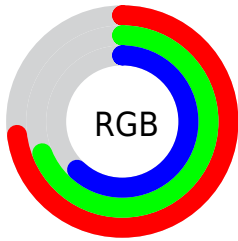
<b>Format</b>	<b>Color</b>
<b>RYB</b>	178, 186, 159
Decimal	12234655
CIELab	71.96, 1.20, 9.61
CIELCh	72, 9.683, 82.876
Yxy	43.6023, 0.3362, 0.3504
Android (android.graphics.Color)	4290424735 (0xFFBAAF9F)
YUV	176.4650, -8.6102, 8.3622
Hunter-Lab	66.0320, -2.4590, 11.1937

# Details

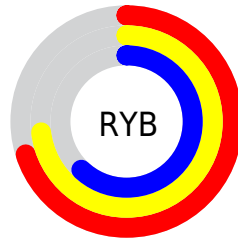
The XYZ color **41.8377, 43.6023, 39.0119** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.5356, 39.6647, 52.1324**, and the grayscale version is **41.5500, 43.7138, 47.6043**.

A 20% lighter version of the original color is **77.0524, 80.3259, 75.0617**, and **19.4626, 20.2352, 17.0673** is the 20% darker color. If you saturate the color by 10%, you get **38.9107, 40.1396, 30.6633**, and if you desaturate by 10%, it is **45.0927, 47.3315, 48.6692**.

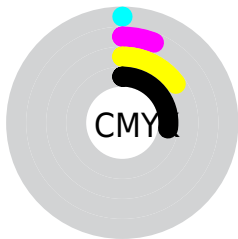
# Distribution



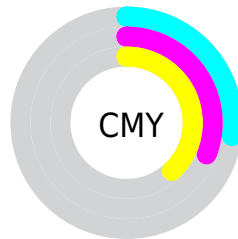
- Red (73%)
- Green (69%)
- Blue (62%)



- Red (70%)
- Yellow (73%)
- Blue (62%)



- Cyan (0%)
- Magenta (6%)
- Yellow (15%)
- Black (27%)



- Cyan (27%)
- Magenta (31%)
- Yellow (38%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 41.8377, 43.6023, 39.0119 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 41.8377, 43.6023, 39.0119 by changing the saturation by 10% instead.





 41.8377, 43.6023,  
39.0119


 41.8377, 43.6023,  
39.0119


344.8128,  
361.0829, 357.3686

 29.1648, 30.3580,  
26.4611


 77.2206, 80.6190,  
74.8770

 19.3504, 20.1105,  
16.9400


 100.6614,  
105.1601, 99.0284

 12.0293, 12.4754,  
10.0302


128.4221,  
134.2356, 127.8838

 6.8360, 7.0683,  
5.3131

160.8681,  
168.2299, 161.8616

 3.4051, 3.5048,  
2.3702

198.3649,  
207.5274, 201.3805

 1.3714, 1.4006,  
0.7702

241.2776,

 0.2357, 0.2172,

252.5125, 246.8589

0.0000

289.9718,  
303.5695, 298.7154

■ 0.0000, 0.0000,  
0.0000

■ 41.8377, 43.6023,  
39.0119

■ 41.8377, 43.6023,  
39.0119

■ 38.9107, 40.1396,  
30.6633

■ 45.0927, 47.3315,  
48.6692

■ 36.2960, 36.9306,  
23.5632

■ 48.6837, 51.3280,  
59.6863

■ 33.9818, 33.9697,  
17.6508

■ 52.6226, 55.6003,  
72.1148

■ 31.9540, 31.2492,  
12.8590

■ 56.9198, 60.1543,  
86.0029

■ 30.1973, 28.7605,  
9.1142

■ 61.5850, 64.9960,  
101.3965

■ 28.6945, 26.4945,  
6.3335

■ 64.0128, 69.0852,  
104.5687

■ 27.4261, 24.4407,  
4.4215

■ 66.0518, 73.1630,  
105.2483

■ 26.3687, 22.5874,  
3.2629

■ 68.1820, 77.4235,  
105.9584

■ 25.8527, 21.6448,  
2.8153

■ 70.4047, 81.8689,  
106.6993

# Harmonies

## Analogous

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



43.3887, 43.6023, 40.5879



41.8377, 43.6023, 39.0119



40.2206, 43.6023, 39.5805

# Triad

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



41.8377, 43.6023, 39.0119



38.5856, 43.6023, 51.0989



44.0262, 43.6023, 53.1779

# Complementary

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



41.8377, 43.6023, 39.0119



37.5356, 39.6647, 52.1324

# 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.



42.6893, 43.6023, 56.3562



41.8377, 43.6023, 39.0119



39.5557, 43.6023, 55.1013

# Square

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



41.8377, 43.6023, 39.0119



38.3712, 43.6023, 46.3567



41.0502, 43.6023, 57.0824



44.6738, 43.6023, 48.6122



# Rectangle

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



41.8377, 43.6023, 39.0119



39.3196, 43.6023, 41.1185



41.0502, 43.6023, 57.0824



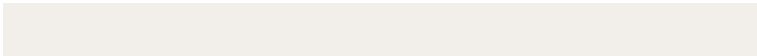
43.6408, 43.6023, 54.4560

# Sweetspot

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



41.8389, 43.6042, 39.0128



82.0120, 86.1056, 89.0592



39.9277, 38.1477, 43.4137



17.9569, 18.8450, 19.2995



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

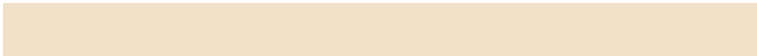


# Same Dimension

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



41.8389, 43.6042, 39.0128



74.3089, 77.2509, 66.2944



43.5247, 47.7809, 39.7302



9.4351, 9.8732, 9.5153



17.4679, 14.7121, 1.9191



0.6750, 0.6370, 0.0874



# Inverse Universe

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



37.5356, 39.6647, 52.1324



65.2000, 68.9124, 94.0664



36.0100, 35.9452, 51.4949



8.8134, 9.3040, 11.4108



7.7597, 5.9790, 31.9982



0.3348, 0.3333, 1.1484



# Previews

## White Background



This preview shows how the XYZ color 41.8377, 43.6023, 39.0119 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 41.8377, 43.6023, 39.0119 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

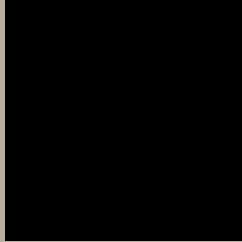
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

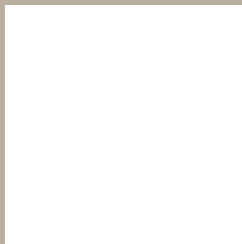
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 41.8377, 43.6023, 39.0119**

## **Background**



This preview shows how black text looks on a background with the XYZ color 41.8377, 43.6023, 39.0119.



This preview shows how white text looks on a background with the XYZ color 41.8377, 43.6023,



# 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

41.8377, 43.6023, 39.0119

### Protanopia

41.5505, 43.7442, 39.0544

### Deuteranopia

44.2731, 43.4296, 39.3070



## Tritanopia

44.3061, 43.4474, 51.9499

# Trichromacy



## Original Color

41.8377, 43.6023, 39.0119

## Protanomaly

41.7909, 43.8682, 39.0657

## Deuteranomaly

43.3458, 43.5124, 39.3719

## Tritanomaly

43.3280, 43.3310, 47.1544

# Monochromacy



## Original Color

41.8377, 43.6023, 39.0119

## Achromatopsia

41.2663, 43.4154, 47.2793

## Achromatomaly

41.6034, 43.6562, 44.2640

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 41.8377, 43.6023, 39.0119 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, 175, 159)` looks like.

```
.text, #text, p{  
    color:rgb(186, 175, 159)  
}
```

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, 175, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 175, 159) }
```

## Border

The CSS property to change the border of an element to XYZ 41.8377, 43.6023, 39.0119 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, 175, 159) }
```



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

```
.border{ border-color:rgb(186, 175, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 175, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 175, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 175, 159);  
box-shadow:4px 4px 4px 4px rgb(186, 175,  
159) }
```

# Background

The CSS property to change the background color of an element to XYZ 41.8377, 43.6023, 39.0119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 175, 159) }
```

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

```
.background{ background-color: rgb(186,  
175, 159) }
```

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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