

# Converting Colors

XYZ(43.4369, 48.9838, 40.8837)

Have a look what the booklet for  
XYZ(43.4369, 48.9838, 40.8837)  
contains.

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# Color

**XYZ(43.4369, 48.9838,  
40.8837)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3BEA1
RGB	179, 190, 161
RGB Percent	70%, 75%, 63%
CMY	0.2980, 0.2549, 0.3686
CMYK	0.06, 0.00, 0.15, 0.25
HSL	83°, 18%, 69%
HSV	83°, 15%, 75%
XYZ	43.4369, 48.9838, 40.8837
YIQ	183.4050, 2.7530, -11.3510

# Conversions

## Conversions Part 2

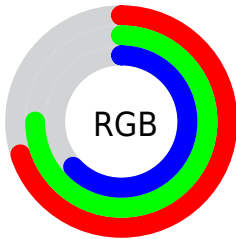
<b>Format</b>	<b>Color</b>
<b>RYB</b>	161, 190, 172
Decimal	11779745
CIELab	75.44, -9.01, 13.37
CIELCh	75, 16.123, 123.977
Yxy	48.9838, 0.3258, 0.3675
Android (android.graphics.Color)	4289969825 (0xFFB3BEA1)
YUV	183.4050, -11.0457, -3.8632
Hunter-Lab	69.9884, -11.6973, 14.3577

# Details

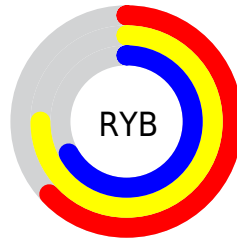
The XYZ color **43.4369, 48.9838, 40.8837** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.0543, 37.9794, 53.9901**, and the grayscale version is **45.2910, 47.6497, 51.8905**.

A 20% lighter version of the original color is **79.6114, 88.5316, 77.8581**, and **20.3102, 23.4311, 17.9202** is the 20% darker color. If you saturate the color by 10%, you get **40.2647, 47.5290, 32.6435**, and if you desaturate by 10%, it is **46.9535, 50.5896, 50.4712**.

# Distribution



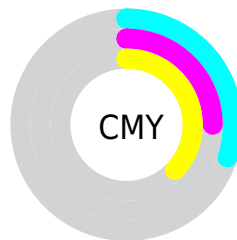
- Red (70%)
- Green (75%)
- Blue (63%)



- Red (63%)
- Yellow (75%)
- Blue (67%)



- Cyan (6%)
- Magenta (0%)
- Yellow (15%)
- Black (25%)




- Cyan (30%)
- Magenta (25%)
- Yellow (37%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 43.4369, 48.9838, 40.8837 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 43.4369, 48.9838, 40.8837 by changing the saturation by 10% instead.





 43.4369, 48.9838,  
40.8837


 43.4369, 48.9838,  
40.8837


351.2966,  
382.6785, 365.4965

 30.4241, 34.6066,  
27.9092


 79.6214, 88.6674,  
77.7591

 20.3104, 23.3600,  
18.0188


 103.5237,  
114.7426, 102.4970

 12.7304, 14.8596,  
10.7939


131.7866,  
145.4860, 131.9932

 7.3189, 8.7209,  
5.8160

164.7753,  
181.2818, 166.6662

 3.7104, 4.5596,  
2.6665

202.8554,  
222.5146, 206.9344

 1.5396, 1.9912,  
0.9265

246.3920,

 0.3526, 0.6024,

269.5688, 253.2166

0.0000

295.7506,  
322.8286, 305.9311

0.0000, 0.0000,  
0.0000

43.4369, 48.9838,  
40.8837

43.4369, 48.9838,  
40.8837

40.2647, 47.5290,  
32.6435

46.9535, 50.5896,  
50.4712

37.4202, 46.2137,  
25.6870

50.8226, 52.3450,  
61.4593

34.8910, 45.0342,  
19.9503

55.0569, 54.2568,  
73.9025

32.6624, 43.9845,  
15.3627

59.6672, 56.3296,  
87.8513

30.7181, 43.0580,  
11.8462

64.5018, 58.5026,  
102.5003

■ 29.0401, 42.2473,  
9.3132

■ 66.6662, 59.6184,  
102.6016

■ 27.6076, 41.5439,  
7.6622

■ 68.9250, 60.7829,  
102.7073

■ 26.3954, 40.9375,  
6.7689

■ 71.2795, 61.9967,  
102.8175

■ 25.8745, 40.6746,  
6.4873

■ 73.7307, 63.2603,  
102.9322

# Harmonies

## Analogous

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



46.1624, 48.9838, 38.6197



43.4369, 48.9838, 40.8837



41.6096, 48.9838, 46.4732

# Triad

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



43.4369, 48.9838, 40.8837



44.0956, 48.9838, 69.4324



52.4933, 48.9838, 52.2080

# Complementary

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



43.4369, 48.9838, 40.8837



39.0543, 37.9794, 53.9901

# 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.



51.8831, 48.9838, 60.8411



43.4369, 48.9838, 40.8837



46.9551, 48.9838, 71.3812

# Square

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



43.4369, 48.9838, 40.8837



41.9784, 48.9838, 63.0127



49.8244, 48.9838, 68.0880



51.4583, 48.9838, 44.7027



# Rectangle

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



43.4369, 48.9838, 40.8837



41.1035, 48.9838, 51.6365



49.8244, 48.9838, 68.0880



52.4741, 48.9838, 55.0704

# Sweetspot

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



43.4382, 48.9859, 40.8848



85.2049, 91.7268, 91.7983



42.3528, 42.8877, 39.7649



18.6059, 20.0949, 19.8677



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138



# Same Dimension

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



43.4382, 48.9859, 40.8848



76.9072, 87.9383, 69.3122



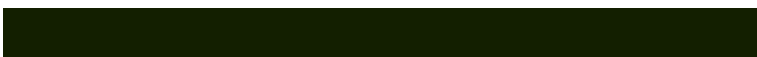
40.3373, 47.3874, 40.7396



9.9620, 10.9348, 10.1622



17.2936, 27.0911, 4.3176



0.7480, 1.0976, 0.1724



# Inverse Universe

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



39.0543, 37.9794, 53.9901



67.5878, 64.5390, 97.1741



42.3230, 39.6645, 54.1431



9.3494, 9.3970, 11.9932



8.0426, 3.4322, 32.6315



0.3883, 0.1722, 1.2816



# Previews

## White Background



This preview shows how the XYZ color 43.4369, 48.9838, 40.8837 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 43.4369, 48.9838, 40.8837 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

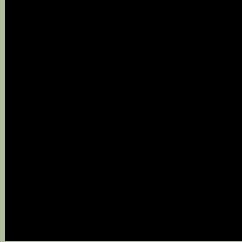
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

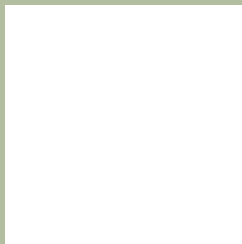
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 43.4369, 48.9838, 40.8837**

## **Background**



This preview shows how black text looks on a background with the XYZ color 43.4369, 48.9838, 40.8837.



This preview shows how white text looks on a background with the XYZ color 43.4369, 48.9838,



# 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

43.4369, 48.9838, 40.8837

### Protanopia

46.1126, 48.8032, 39.7905

### Deuteranopia

49.8823, 48.8816, 41.4563



## **Tritanopia**

47.6653, 49.1357, 61.0047

# Trichromacy



## Original Color

43.4369, 48.9838, 40.8837

## Protanomaly

45.1018, 48.8975, 40.3188

## Deuteranomaly

47.2745, 48.7550, 41.1014

## Tritanomaly

46.0557, 49.1107, 52.9509

# Monochromacy



## Original Color

43.4369, 48.9838, 40.8837

## Achromatopsia

45.0092, 47.3531, 51.5676

## Achromatomaly

44.5882, 48.1580, 47.5028

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 43.4369, 48.9838, 40.8837 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(179, 190, 161)` looks like.

```
.text, #text, p{  
    color:rgb(179, 190, 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(179, 190, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 190, 161) }
```

## Border

The CSS property to change the border of an element to XYZ 43.4369, 48.9838, 40.8837 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(179, 190, 161) }
```



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

```
.border{ border-color:rgb(179, 190, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 190, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 190, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 190, 161);  
box-shadow:4px 4px 4px 4px rgb(179, 190,  
161) }
```

# Background

The CSS property to change the background color of an element to XYZ 43.4369, 48.9838, 40.8837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 190, 161) }
```

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

```
.background{ background-color: rgb(179,  
190, 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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