

Converting Colors

XYZ(43.8281, 48.0006, 39.8091)

Have a look what the booklet for
XYZ(43.8281, 48.0006, 39.8091)
contains.

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Color

**XYZ(43.8245, 47.9353,
39.7435)**

Conversions

Conversions Part 1

Format	Color
Hex	B9BA9F
RGB	185, 186, 159
RGB Percent	73%, 73%, 62%
CMY	0.2745, 0.2706, 0.3765
CMYK	0.01, 0.00, 0.15, 0.27
HSL	62°, 16%, 68%
HSV	62°, 15%, 73%
XYZ	43.8245, 47.9353, 39.7435
YIQ	182.6230, 8.0710, -8.6090

Conversions

Conversions Part 2

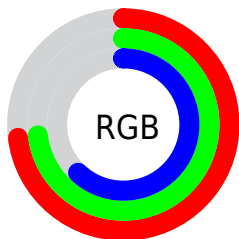
Format	Color
RYB	159, 186, 160
Decimal	12171935
CIELab	74.78, -5.04, 13.59
CIELCh	75, 14.495, 110.332
Yxy	47.9353, 0.3333, 0.3645
Android (android.graphics.Color)	4290362015 (0xFFB9BA9F)
YUV	182.6230, -11.6461, 2.0846
Hunter-Lab	69.2353, -8.1751, 14.4302

Details

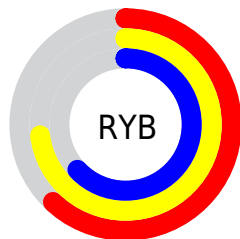
The XYZ color **43.8245, 47.9353, 39.7435** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.7601, 35.8163, 51.4854**, and the grayscale version is **44.8630, 47.1994, 51.4001**.

A 20% lighter version of the original color is **80.1654, 87.0601, 76.1974**, and **20.6100, 22.7633, 17.4948** is the 20% darker color. If you saturate the color by 10%, you get **42.1645, 47.2537, 31.8648**, and if you desaturate by 10%, it is **45.7309, 48.7188, 48.9036**.

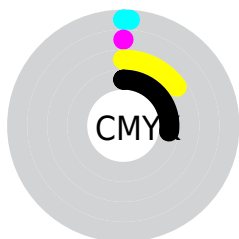
Distribution



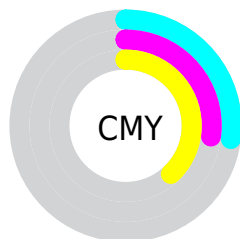
- Red (73%)
- Green (73%)
- Blue (62%)



- Red (62%)
- Yellow (73%)
- Blue (63%)



- Cyan (1%)
- Magenta (0%)
- Yellow (15%)
- Black (27%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8245, 47.9353, 39.7435 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 43.8245, 47.9353, 39.7435 by changing the saturation by 10% instead.

■ 43.8245, 47.9353,
39.7435

■ 43.8245, 47.9353,
39.7435

352.8559,
378.5356, 360.5612

■ 30.7299, 33.7757,
27.0263

■ 80.2016, 87.1081,
76.0056

■ 20.5441, 22.7213,
17.3604

■ 104.2147,
112.8900, 100.3876

■ 12.9017, 14.3879,
10.3271

132.5981,
143.3148, 129.4949

■ 7.4374, 8.3909,
5.5079

165.7171,
178.7668, 163.7462

■ 3.7859, 4.3461,
2.4844

203.9370,
219.6305, 203.5599

■ 1.5817, 1.8690,
0.8319

247.6232,

■ 0.3805, 0.5296,

266.2903, 249.3546

0.0000

297.1411,
319.1305, 301.5489

■ 0.0000, 0.0000,
0.0000

■ 43.8245, 47.9353,
39.7435

■ 43.8245, 47.9353,
39.7435

■ 42.1645, 47.2537,
31.8648

■ 45.7309, 48.7188,
48.9036

■ 40.7361, 46.6632,
25.2075

■ 47.8898, 49.6018,
59.3954

■ 39.5290, 46.1613,
19.7113

■ 50.3123, 50.5902,
71.2704

■ 38.5306, 45.7430,
15.3097

■ 53.0072, 51.6878,
84.5762

■ 37.7269, 45.4027,
11.9293

■ 55.9833, 52.8980,
99.3583

■ 37.1023, 45.1341,
9.4879

■ 56.6334, 53.1778,
101.8872

■ 36.6388, 44.9300,
7.8906

■ 56.8055, 53.2665,
101.8952

■ 36.3146, 44.7817,
7.0226

■ 56.9785, 53.3557,
101.9033

■ 36.1710, 44.7141,
6.7243

■ 57.1523, 53.4453,
101.9115

Harmonies

Analogous

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



46.4167, 47.9353, 39.1648



43.8245, 47.9353, 39.7435



41.7740, 47.9353, 43.4739

Triad

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



43.8245, 47.9353, 39.7435



42.4050, 47.9353, 64.1690



50.7365, 47.9353, 54.6666

Complementary

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



43.8245, 47.9353, 39.7435



35.7601, 35.8163, 51.4854

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.



49.5704, 47.9353, 62.0071



43.8245, 47.9353, 39.7435



44.7161, 47.9353, 67.8317

Square

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



43.8245, 47.9353, 39.7435



40.9766, 47.9353, 57.3952



47.3429, 47.9353, 67.0045



50.4753, 47.9353, 47.3158

Rectangle

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



43.8245, 47.9353, 39.7435



40.9579, 47.9353, 47.4637



47.3429, 47.9353, 67.0045



50.4968, 47.9353, 57.2273

Sweetspot

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



43.8258, 47.9374, 39.7445



83.0519, 88.3690, 89.4413



39.0627, 38.0504, 38.0872



18.2279, 19.4352, 19.3992



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.



43.8258, 47.9374, 39.7445



78.5569, 86.5248, 67.8605



40.7443, 46.3488, 39.6003



9.7163, 10.4859, 9.6188



24.3479, 30.0881, 4.5243



0.8686, 1.0660, 0.1600

Inverse Universe

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



35.7601, 35.8163, 51.4854



61.4864, 60.8708, 92.7100



38.5847, 37.2724, 51.6176



8.5512, 8.7350, 11.3148



6.0351, 2.4224, 31.4026



0.2233, 0.0908, 1.1075

Previews

White Background



This preview shows how the XYZ color 43.8245, 47.9353, 39.7435 looks on a white background.

Color Contrast Check

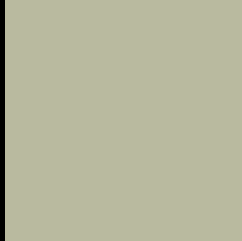
Large Text (above 18pt) WCAG AA × Fail

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 43.8245, 47.9353, 39.7435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

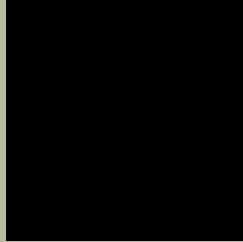
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.8245, 47.9353, 39.7435

Background



This preview shows how black text looks on a background with the XYZ color 43.8245, 47.9353, 39.7435.



This preview shows how white text looks on a background with the XYZ color 43.8245, 47.9353,

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

43.8245, 47.9353, 39.7435

Protanopia

45.0974, 47.6731, 39.1727

Deuteranopia

48.7335, 47.7191, 40.3604



Tritanopia

47.6094, 47.9350, 58.3729

Trichromacy



Original Color

43.8245, 47.9353, 39.7435

Protanomaly

44.5472, 47.6968, 39.2063

Deuteranomaly

46.7538, 47.5981, 39.9809

Tritanomaly

46.1160, 47.9357, 51.0779

Monochromacy



Original Color

43.8245, 47.9353, 39.7435

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

44.5476, 47.5273, 46.8702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8245, 47.9353, 39.7435 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(185, 186, 159)` looks like.

```
.text, #text, p{  
    color:rgb(185, 186, 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(185, 186, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 186, 159) }
```

Border

The CSS property to change the border of an element to XYZ 43.8245, 47.9353, 39.7435 is called "border". The border property can be set on classes, ids or directly on the HTML element.

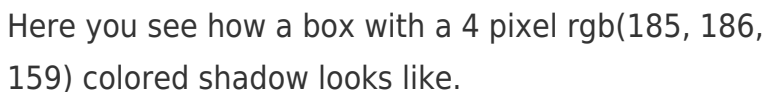
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 186, 159) }
```


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

```
.border{ border-color:rgb(185, 186, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 186, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 186, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 186, 159);  
box-shadow:4px 4px 4px 4px rgb(185, 186,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8245, 47.9353, 39.7435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 186, 159) }
```

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

```
.background{ background-color: rgb(185,  
186, 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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