

# Converting Colors

XYZ(43.1750, 46.4083, 39.8420)

Have a look what the booklet for  
XYZ(43.1750, 46.4083, 39.8420)  
contains.

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# Color

**XYZ(43.0807, 46.3083,  
39.9255)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B9B6A0
RGB	185, 182, 160
RGB Percent	73%, 71%, 63%
CMY	0.2745, 0.2863, 0.3725
CMYK	0.00, 0.02, 0.14, 0.27
HSL	53°, 15%, 68%
HSV	53°, 14%, 73%
XYZ	43.0807, 46.3083, 39.9255
YIQ	180.3890, 8.8500, -6.2060

# Conversions

## Conversions Part 2

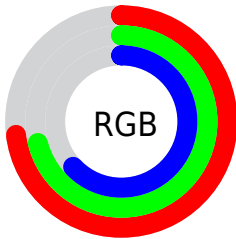
Format	Color
<a href="#">RYB</a>	<a href="#">163, 185, 160</a>
Decimal	<a href="#">12170912</a>
CIELab	<a href="#">73.75, -2.76, 11.58</a>
CIELCh	<a href="#">74, 11.906, 103.383</a>
Yxy	<a href="#">46.3083, 0.3331, 0.3581</a>
Android (android.graphics.Color)	<a href="#">4290360992 (0xFFB9B6A0)</a>
YUV	<a href="#">180.3890, -10.0518, 4.0438</a>
Hunter-Lab	<a href="#">68.0502, -6.0844, 12.8493</a>

# Details

The XYZ color **43.0807, 46.3083, 39.9255** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **36.3512, 37.1699, 51.1579**, and the grayscale version is **43.6416, 45.9144, 50.0007**.

A 20% lighter version of the original color is **79.1159, 84.7561, 76.4797**, and **20.1263, 21.7102, 17.5977** is the 20% darker color. If you saturate the color by 10%, you get **41.1313, 44.8093, 31.8766**, and if you desaturate by 10%, it is **45.2807, 47.9221, 49.2473**.

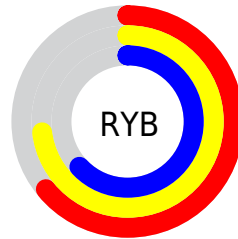
# Distribution



Red (73%)

Green (71%)

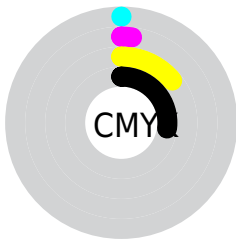
Blue (63%)



Red (64%)

Yellow (73%)

Blue (63%)

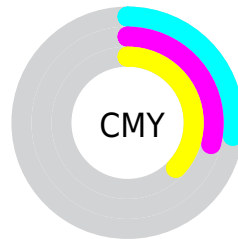


Cyan (0%)

Magenta (2%)

Yellow (14%)

Black (27%)



Cyan (27%)

Magenta (29%)


Yellow (37%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 43.0807, 46.3083, 39.9255 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 43.0807, 46.3083, 39.9255 by changing the saturation by 10% instead.





 43.0807, 46.3083,  
39.9255


 43.0807, 46.3083,  
39.9255

349.8594,  
372.0467, 361.3522

 30.1432, 32.4892,  
27.1671


 79.0876, 84.6802,  
76.2859

 20.0959, 21.7354,  
17.4652


 102.8877,  
110.0018, 100.7250

 12.5735, 13.6626,  
10.4013


131.0394,  
139.9263, 129.8948

 7.2105, 7.8864,  
5.5568

163.9081,  
174.8381, 164.2137

 3.6416, 4.0223,  
2.5131

201.8591,  
215.1217, 204.1004

 1.5014, 1.6861,  
0.8471

245.2577,

 0.3268, 0.4146,

261.1614, 249.9733

0.0000

294.4694,  
313.3416, 302.2511

■ 0.0000, 0.0000,  
0.0000

■ 43.0807, 46.3083,  
39.9255

■ 43.0807, 46.3083,  
39.9255

■ 41.1313, 44.8093,  
31.8766

■ 45.2807, 47.9221,  
49.2473

■ 39.4181, 43.4147,  
25.0416

■ 47.7374, 49.6486,  
59.8914

■ 37.9309, 42.1219,  
19.3618

■ 50.4617, 51.4937,  
71.9081

■ 36.6573, 40.9259,  
14.7718

■ 53.4623, 53.4611,  
85.3444

■ 35.5837, 39.8212,  
11.2002

■ 56.7478, 55.5541,  
100.2450

■ 34.6949, 38.8017,  
8.5667

■ 57.6416, 56.7021,  
102.5143

■ 33.9733, 37.8601,  
6.7793

■ 58.1431, 57.7051,  
102.6815

■ 33.3977, 36.9882,  
5.7270

■ 58.6520, 58.7229,  
102.8511

■ 33.0749, 36.4487,  
5.2921

■ 59.1683, 59.7555,  
103.0232

# Harmonies

## Analogous

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



45.1871, 46.3083, 40.0712



43.0807, 46.3083, 39.9255



41.2818, 46.3083, 42.4272

# Triad

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



43.0807, 46.3083, 39.9255



41.1266, 46.3083, 58.8462



48.0248, 46.3083, 53.8240

# Complementary

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



43.0807, 46.3083, 39.9255



36.3512, 37.1699, 51.1579

# 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.



46.8655, 46.3083, 59.3626



43.0807, 46.3083, 39.9255



42.8627, 46.3083, 62.4171

# Square

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



43.0807, 46.3083, 39.9255



40.1783, 46.3083, 53.1640



44.9620, 46.3083, 62.6133



48.0878, 46.3083, 47.7757



# Rectangle

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



43.0807, 46.3083, 39.9255



40.4805, 46.3083, 45.3851



44.9620, 46.3083, 62.6133



47.7488, 46.3083, 55.8182

# Sweetspot

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



43.0819, 46.3103, 39.9265



80.8673, 85.6627, 87.2178



39.2197, 38.1128, 40.0972



17.3666, 18.4191, 18.5170



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988



# Same Dimension

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



43.0819, 46.3103, 39.9265



76.1552, 82.1825, 67.3222



41.5614, 46.4471, 40.0330



9.6559, 10.3147, 9.5889



22.5562, 24.8887, 3.6152



0.8213, 0.9296, 0.1361



# Inverse Universe

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



36.3512, 37.1699, 51.1579



61.9225, 62.8549, 91.0731



37.7263, 37.0985, 51.0716



8.6055, 8.8883, 11.3415



6.1895, 2.8388, 31.4748



0.2467, 0.1571, 1.1191



# Previews

## White Background



This preview shows how the XYZ color 43.0807, 46.3083, 39.9255 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

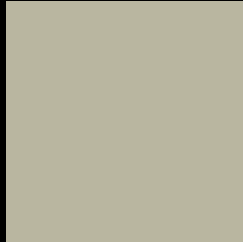
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 43.0807, 46.3083, 39.9255 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

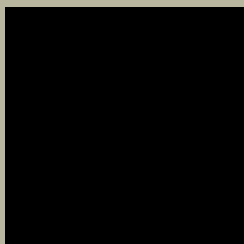
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

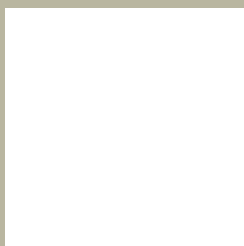
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 43.0807, 46.3083, 39.9255**

## **Background**



This preview shows how black text looks on a background with the XYZ color 43.0807, 46.3083, 39.9255.



This preview shows how white text looks on a background with the XYZ color 43.0807, 46.3083,

39.9255.

# 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

43.0807, 46.3083, 39.9255

### Protanopia

43.7681, 46.3698, 39.4443

### Deuteranopia

47.2166, 46.3550, 40.1770



## Tritanopia

46.1124, 46.0247, 55.7435

# Trichromacy



## Original Color

43.0807, 46.3083, 39.9255

## Protanomaly

43.5209, 46.2423, 39.4327

## Deuteranomaly

45.6421, 46.4198, 40.2725

## Tritanomaly

45.0974, 46.2269, 49.7258

# Monochromacy



## Original Color

43.0807, 46.3083, 39.9255

## Achromatopsia

43.3819, 45.6411, 49.7032

## Achromatomaly

43.3581, 46.0100, 46.1308

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 43.0807, 46.3083, 39.9255 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, 182, 160)` looks like.

```
.text, #text, p{  
    color:rgb(185, 182, 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(185, 182, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 182, 160) }
```

## Border

The CSS property to change the border of an element to XYZ 43.0807, 46.3083, 39.9255 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, 182, 160) }
```



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

```
.border{ border-color:rgb(185, 182, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 182, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 182, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 182, 160);  
box-shadow:4px 4px 4px 4px rgb(185, 182,  
160) }
```

# Background

The CSS property to change the background color of an element to XYZ 43.0807, 46.3083, 39.9255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 182, 160) }
```

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

```
.background{ background-color: rgb(185,  
182, 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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