

# Converting Colors

XYZ(39.4297, 38.7687, 50.7567)

Have a look what the booklet for  
XYZ(39.4297, 38.7687, 50.7567)  
contains.

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# Color

**XYZ(39.4281, 38.7690,  
50.7525)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AFA3B8
RGB	175, 163, 184
RGB Percent	69%, 64%, 72%
CMY	0.3137, 0.3608, 0.2784
CMYK	0.05, 0.11, 0.00, 0.28
HSL	274°, 13%, 68%
HSV	274°, 11%, 72%
XYZ	39.4281, 38.7690, 50.7525
YIQ	168.9820, 0.4110, 9.0750

# Conversions

## Conversions Part 2

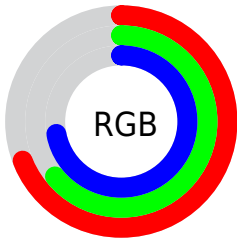
<b>Format</b>	<b>Color</b>
<b>RYB</b>	175, 163, 184
Decimal	11510712
CIELab	68.58, 8.32, -9.24
CIELCh	69, 12.428, 311.996
Yxy	38.7690, 0.3058, 0.3007
Android (android.graphics.Color)	4289700792 (0xFFAFA3B8)
YUV	168.9820, 7.4039, 5.2778
Hunter-Lab	62.2648, 4.0688, -4.7424

# Details

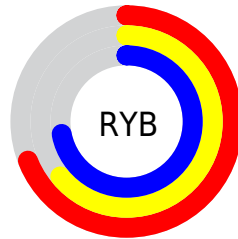
The XYZ color **39.4281, 38.7690, 50.7525** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.7660, 45.6970, 41.3240**, and the grayscale version is **37.6685, 39.6302, 43.1573**.

A 20% lighter version of the original color is **73.7546, 73.4230, 92.7228**, and **17.9496, 17.2185, 23.8502** is the 20% darker color. If you saturate the color by 10%, you get **34.6774, 31.8187, 49.6619**, and if you desaturate by 10%, it is **44.7598, 46.7266, 52.0081**.

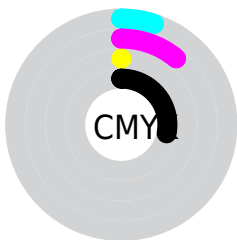
# Distribution



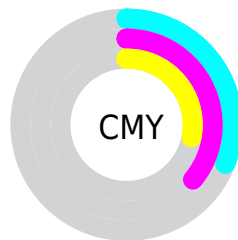
- Red (69%)
- Green (64%)
- Blue (72%)



- Red (69%)
- Yellow (64%)
- Blue (72%)



- Cyan (5%)
- Magenta (11%)
- Yellow (0%)
- Black (28%)




- Cyan (31%)
- Magenta (36%)
- Yellow (28%)
- Black (5%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4281, 38.7690, 50.7525 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 39.4281, 38.7690, 50.7525 by changing the saturation by 10% instead.




 39.4281, 38.7690,  
50.7525


 39.4281, 38.7690,  
50.7525


334.8831,  
340.9074, 406.4205

 27.2751, 26.5801,  
35.6363


 73.5817, 73.2853,  
92.6966

 17.9176, 17.2581,  
23.8660


 96.3131, 96.3815,  
120.3615

 10.9902, 10.4187,  
15.0230


123.3014,  
123.8821, 153.0465

 6.1275, 5.6774,  
8.6887

154.9119,  
156.1718, 191.1701

 2.9642, 2.6499,  
4.4447

191.5099,  
193.6347, 235.1507

 1.1348, 0.9518,  
1.8723

233.4609,

 0.0540, 0.0000,

236.6553, 285.4069

0.4750

281.1302,  
285.6181, 342.3574

■ 0.0000, 0.0000,  
0.0000

■ 39.4281, 38.7690,  
50.7525

■ 39.4281, 38.7690,  
50.7525

■ 34.6774, 31.8187,  
49.6619

■ 44.7598, 46.7266,  
52.0081

■ 30.4821, 25.8289,  
48.7269

■ 50.6900, 55.7258,  
53.4325

■ 26.8197, 20.7565,  
47.9409

■ 57.2396, 65.8054,  
55.0329

■ 23.6645, 16.5532,  
47.2958

■ 64.4276, 77.0006,  
56.8149

■ 20.9887, 13.1658,  
46.7830

■ 72.2704, 89.3423,  
58.7838

■ 18.7612, 10.5355,  
46.3927

■ 74.6345, 90.5611,  
58.8944

■ 16.9470, 8.5949,  
46.1138

■ 77.1116, 91.8381,  
59.0103

■ 15.5047, 7.2643,  
45.9330

■ 79.7034, 93.1742,  
59.1316

■ 14.4934, 6.4722,  
45.8334

■ 82.4112, 94.5701,  
59.2583

# Harmonies

## Analogous

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



37.6376, 38.7690, 53.6742



39.4281, 38.7690, 50.7525



40.5501, 38.7690, 45.6373

# Triad

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



39.4281, 38.7690, 50.7525



38.0258, 38.7690, 32.7582



33.2842, 38.7690, 44.4960

# Complementary

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



39.4281, 38.7690, 50.7525



40.7660, 45.6970, 41.3240

# 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.



33.3798, 38.7690, 38.9642



39.4281, 38.7690, 50.7525



36.0711, 38.7690, 32.5116

# Square

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



39.4281, 38.7690, 50.7525



39.7210, 38.7690, 35.3957



34.3845, 38.7690, 34.6892



34.1185, 38.7690, 49.8535



# Rectangle

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



39.4281, 38.7690, 50.7525



40.7447, 38.7690, 41.8381



34.3845, 38.7690, 34.6892



33.2095, 38.7690, 42.5899

# Sweetspot

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



39.4292, 38.7707, 50.7533



79.4813, 82.2125, 93.8841



38.5290, 40.7919, 51.1909



16.9616, 17.4639, 20.1985



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.



39.4292, 38.7707, 50.7533



68.9392, 66.5429, 91.4152



41.3711, 39.7886, 50.0820



8.9991, 8.9659, 11.3357



10.0709, 4.5029, 31.5914



0.4244, 0.1945, 1.1169



# Inverse Universe

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



40.3121, 39.3650, 44.5051



70.9269, 67.8790, 77.4394



38.9832, 44.7633, 41.8990



9.1601, 9.0744, 10.1905



14.6267, 7.4244, 5.9208

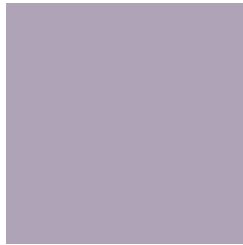


0.5468, 0.2742, 0.3727



# Previews

## White Background



This preview shows how the XYZ color 39.4281, 38.7690, 50.7525 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 39.4281, 38.7690, 50.7525 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 39.4281, 38.7690, 50.7525**

## **Background**



This preview shows how black text looks on a background with the XYZ color 39.4281, 38.7690, 50.7525.



This preview shows how white text looks on a background with the XYZ color 39.4281, 38.7690,

50.7525.

# 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

39.4281, 38.7690, 50.7525

### Protanopia

38.0162, 38.8169, 51.9431

### Deuteranopia

39.6534, 38.8852, 50.7630



## Tritanopia

38.6668, 38.7239, 47.0315

# Trichromacy



## Original Color

39.4281, 38.7690, 50.7525

## Protanomaly

38.5743, 38.8481, 51.3643

## Deuteranomaly

39.6534, 38.8852, 50.7630

## Tritanomaly

38.9692, 38.8449, 48.6239

# Monochromacy



## Original Color

39.4281, 38.7690, 50.7525

## Achromatopsia

37.7116, 39.6755, 43.2066

## Achromatomaly

38.2533, 39.3514, 45.6238

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 39.4281, 38.7690, 50.7525 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(175, 163, 184)` looks like.

```
.text, #text, p{  
    color:rgb(175, 163, 184)  
}
```

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(175, 163, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 163, 184) }
```

## Border

The CSS property to change the border of an element to XYZ 39.4281, 38.7690, 50.7525 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(175, 163, 184) }
```



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

```
.border{ border-color:rgb(175, 163, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 163, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 163, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 163, 184);  
box-shadow:4px 4px 4px 4px rgb(175, 163,  
184) }
```

# Background

The CSS property to change the background color of an element to XYZ 39.4281, 38.7690, 50.7525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 163, 184) }
```

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

```
.background{ background-color: rgb(175,  
163, 184) }
```

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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