

# Converting Colors

XYZ(39.6835, 36.9553, 34.5336)

Have a look what the booklet for  
XYZ(39.6835, 36.9553, 34.5336)  
contains.

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# Color

**XYZ(39.7288, 36.9803,  
34.7497)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C39A98
RGB	195, 154, 152
RGB Percent	76%, 60%, 60%
CMY	0.2353, 0.3961, 0.4039
CMYK	0.00, 0.21, 0.22, 0.24
HSL	3°, 26%, 68%
HSV	3°, 22%, 76%
XYZ	39.7288, 36.9803, 34.7497
YIQ	166.0310, 25.0780, 8.0700

# Conversions

## Conversions Part 2

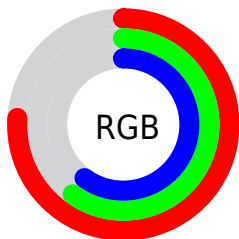
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">195, 154, 152</a>
Decimal	<a href="#">12819096</a>
CIELab	<a href="#">67.26, 14.96, 6.88</a>
CIElCh	<a href="#">67, 16.463, 24.700</a>
Yxy	<a href="#">36.9803, 0.3564, 0.3318</a>
Android (android.graphics.Color)	<a href="#">4291009176</a> ( <a href="#">0xFFC39A98</a> )
YUV	<a href="#">166.0310, -6.9173, 25.4058</a>
Hunter-Lab	<a href="#">60.8114, 10.1961, 8.6877</a>

# Details

The XYZ color **39.7288, 36.9803, 34.7497** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.8688, 48.7542, 58.8339**, and the grayscale version is **36.2852, 38.1749, 41.5724**.

A 20% lighter version of the original color is **74.0859, 70.7526, 68.1444**, and **18.1837, 16.3028, 14.5003** is the 20% darker color. If you saturate the color by 10%, you get **35.4268, 30.7254, 26.0734**, and if you desaturate by 10%, it is **44.7706, 44.2941, 44.9689**.

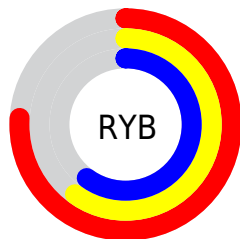
# Distribution



Red (76%)

Green (60%)

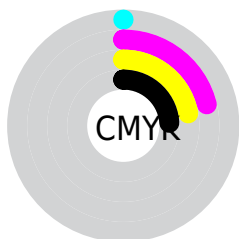
Blue (60%)



Red (76%)

Yellow (60%)

Blue (60%)

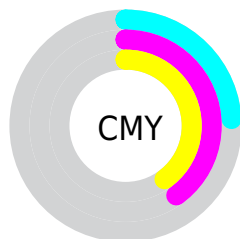


Cyan (0%)

Magenta (21%)

Yellow (22%)

Black (24%)



Cyan (24%)

Magenta (40%)


Yellow (40%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 39.7288, 36.9803, 34.7497 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 39.7288, 36.9803, 34.7497 by changing the saturation by 10% instead.





 39.7288, 36.9803,  
34.7497


 39.7288, 36.9803,  
34.7497


336.1332,  
333.2252, 338.3328

 27.5104, 25.1922,  
23.1881


 74.0373, 70.5425,  
68.2450

 18.0955, 16.2203,  
14.5259


 96.8582, 93.0854,  
91.0158

 11.1187, 9.6802,  
8.3444


123.9439,  
119.9821, 118.3601

 6.2146, 5.1874,  
4.2252

155.6599,  
151.6168, 150.6964

 3.0179, 2.3577,  
1.7497

192.3715,  
188.3742, 188.4433

 1.1632, 0.8040,  
0.3944

234.4440,

 0.0770, 0.0000,

230.6384, 232.0193

0.0000

282.2428,  
278.7940, 281.8429

0.0000, 0.0000,  
0.0000

39.7288, 36.9803,  
34.7497

39.7288, 36.9803,  
34.7497

35.4268, 30.7254,  
26.0734

44.7706, 44.2941,  
44.9689

31.8271, 25.4756,  
18.8629

50.5817, 52.7073,  
56.7985

28.8932, 21.1800,  
13.0379

57.1933, 62.2644,  
70.3045

26.5842, 17.7812,  
8.5097

64.6343, 73.0062,  
85.5489

24.8548, 15.2159,  
5.1790

72.9321, 84.9712,  
102.5902

■ 23.6535, 13.4120,  
2.9323

■ 76.3158, 90.3422,  
108.0233

■ 22.9195, 12.2858,  
1.6343

■ 22.6045, 11.7994,  
1.0861

# Harmonies

## Analogous

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



40.1883, 36.9803, 41.5586



39.7288, 36.9803, 34.7497



38.0185, 36.9803, 29.9847

# Triad

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



39.7288, 36.9803, 34.7497



31.3470, 36.9803, 32.7790



34.7037, 36.9803, 55.6938

# Complementary

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



39.7288, 36.9803, 34.7497



41.8688, 48.7542, 58.8339

# 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.



32.4270, 36.9803, 52.6621



39.7288, 36.9803, 34.7497



30.5490, 36.9803, 38.9991

# Square

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



39.7288, 36.9803, 34.7497



33.1660, 36.9803, 28.9456



30.9348, 36.9803, 46.3356



37.2088, 36.9803, 54.2074



# Rectangle

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



39.7288, 36.9803, 34.7497



36.4406, 36.9803, 28.3270



30.9348, 36.9803, 46.3356



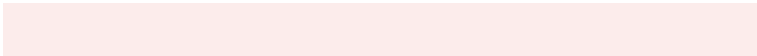
33.8877, 36.9803, 55.1595

# Sweetspot

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



39.7298, 36.9820, 34.7505



85.1524, 86.5269, 90.6429



43.4233, 37.9346, 55.8180



18.5076, 18.7459, 19.5651



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091



# Same Dimension

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



39.7298, 36.9820, 34.7505



67.6433, 61.1307, 55.1430



43.4906, 44.5035, 36.0041



10.1100, 10.1515, 10.4884



14.7088, 7.7033, 0.7116



0.6488, 0.3593, 0.0352

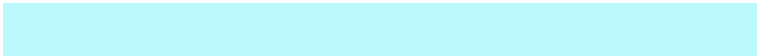


# Inverse Universe

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



41.8688, 48.7542, 58.8339



72.0867, 85.5916, 105.1913



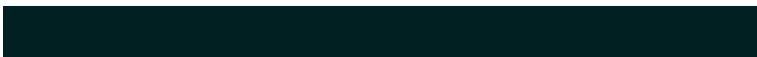
37.5649, 40.1464, 57.3993



10.3270, 11.3454, 12.9304



17.8203, 25.3970, 37.5195



0.7826, 1.1225, 1.6253



# Previews

## White Background



This preview shows how the XYZ color 39.7288, 36.9803, 34.7497 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

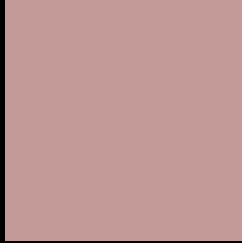
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 39.7288, 36.9803, 34.7497 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 39.7288, 36.9803, 34.7497**

## **Background**



This preview shows how black text looks on a background with the XYZ color 39.7288, 36.9803, 34.7497.



This preview shows how white text looks on a background with the XYZ color 39.7288, 36.9803,



# 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

39.7288, 36.9803, 34.7497

### Protanopia

35.5452, 37.0637, 37.1789

### Deuteranopia

37.8204, 37.0024, 34.4270



## Tritanopia

40.6940, 36.8726, 40.0943

# Trichromacy



## Original Color

39.7288, 36.9803, 34.7497

## Protanomaly

36.8473, 36.9731, 36.2048

## Deuteranomaly

38.6292, 37.1671, 34.4162

## Tritanomaly

40.5013, 37.0563, 38.2756

# Monochromacy



## Original Color

39.7288, 36.9803, 34.7497

## Achromatopsia

36.2450, 38.1326, 41.5264

## Achromatomaly

37.4848, 37.7610, 39.0311

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 39.7288, 36.9803, 34.7497 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(195, 154, 152)` looks like.

```
.text, #text, p{  
    color:rgb(195, 154, 152)  
}
```

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(195, 154, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 154, 152) }
```

## Border

The CSS property to change the border of an element to XYZ 39.7288, 36.9803, 34.7497 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(195, 154, 152) }
```



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

```
.border{ border-color:rgb(195, 154, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 154, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 154, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 154, 152);  
box-shadow:4px 4px 4px 4px rgb(195, 154,  
152) }
```

# Background

The CSS property to change the background color of an element to XYZ 39.7288, 36.9803, 34.7497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 154, 152) }
```

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

```
.background{ background-color: rgb(195,  
154, 152) }
```

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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