

# Converting Colors

XYZ(42.3552, 37.3296, 35.1012)

Have a look what the booklet for  
XYZ(42.3552, 37.3296, 35.1012)  
contains.

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# Color

**XYZ(42.3882, 37.3780,  
35.1176)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF9699
RGB	207, 150, 153
RGB Percent	81%, 59%, 60%
CMY	0.1882, 0.4117, 0.4000
CMYK	0.00, 0.28, 0.26, 0.19
HSL	357°, 37%, 70%
HSV	357°, 28%, 81%
XYZ	42.3882, 37.3780, 35.1176
YIQ	167.3850, 33.0090, 13.0170

# Conversions

## Conversions Part 2

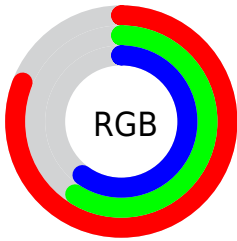
Format	Color
R <sub>Y</sub> B	207, 150, 153
Decimal	13604505
CIE Lab	67.56, 21.84, 6.91
CIE LCh	68, 22.904, 17.562
Yxy	37.3780, 0.3690, 0.3254
Android (android.graphics.Color)	4291794585 (0xFFCF9699)
YUV	167.3850, -7.0918, 34.7424
Hunter-Lab	61.1375, 16.7678, 8.7399

# Details

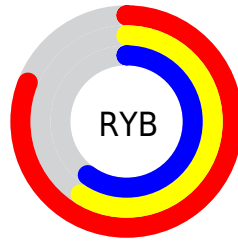
The XYZ color **42.3882, 37.3780, 35.1176** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.7911, 55.4701, 65.4228**, and the grayscale version is **36.9415, 38.8653, 42.3243**.

A 20% lighter version of the original color is **74.0954, 68.9507, 68.4351**, and **19.6226, 16.4623, 14.7137** is the 20% darker color. If you saturate the color by 10%, you get **37.8833, 30.7507, 26.2704**, and if you desaturate by 10%, it is **47.7449, 45.2822, 45.5631**.

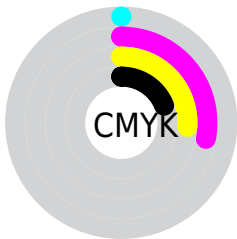
# Distribution



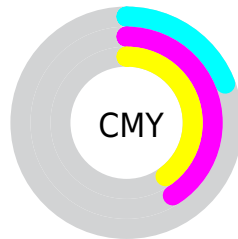
- Red (81%)
- Green (59%)
- Blue (60%)



- Red (81%)
- Yellow (59%)
- Blue (60%)



- Cyan (0%)
- Magenta (28%)
- Yellow (26%)
- Black (19%)




- Cyan (19%)
- Magenta (41%)
- Yellow (40%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3882, 37.3780, 35.1176 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 42.3882, 37.3780, 35.1176 by changing the saturation by 10% instead.





 42.3882, 37.3780,  
35.1176


 42.3882, 37.3780,  
35.1176


347.0540,  
334.9442, 340.0071

 29.5978, 25.5003,  
23.4692


 78.0483, 71.1538,  
68.8215

 19.6801, 16.4502,  
14.7318


 101.6487, 93.8206,  
91.7142

 12.2696, 9.8433,  
8.4868

129.5832,  
120.8526, 119.1920

 7.0011, 5.2952,  
4.3158

162.2171,  
152.6342, 151.6734

 3.5091, 2.4215,  
1.8001

199.9158,  
189.5498, 189.5771

 1.4284, 0.8369,  
0.4281

243.0446,

 0.2763, 0.0000,

231.9837, 233.3216

0.0000

291.9689,  
280.3204, 283.3255

0.0000, 0.0000,  
0.0000

42.3882, 37.3780,  
35.1176

42.3882, 37.3780,  
35.1176

37.8833, 30.7507,  
26.2704

47.7449, 45.2822,  
45.5631

34.1834, 25.3285,  
18.9404

53.9909, 54.5198,  
57.6778

31.2419, 21.0404,  
13.0432

61.1651, 65.1503,  
71.5311

29.0063, 17.8061,  
8.4849

69.3033, 77.2280,  
87.1880

27.4172, 15.5344,  
5.1605

78.4394, 90.8044,  
104.7099

■ 26.4055, 14.1189,  
2.9494

■ 79.5422, 92.0054,  
108.1742

■ 25.8790, 13.4128,  
1.7042

■ 25.7919, 13.2893,  
1.5187

# Harmonies

## Analogous

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



42.5649, 37.3780, 45.0237



42.3882, 37.3780, 35.1176



40.2993, 37.3780, 27.9878

# Triad

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



42.3882, 37.3780, 35.1176



30.7557, 37.3780, 28.9549



34.0868, 37.3780, 62.7489

# Complementary

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



42.3882, 37.3780, 35.1176



45.7911, 55.4701, 65.4228

# 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.



31.1466, 37.3780, 56.7704



42.3882, 37.3780, 35.1176



29.3105, 37.3780, 36.6592

# Square

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



42.3882, 37.3780, 35.1176



33.5205, 37.3780, 24.8554



29.4487, 37.3780, 46.8409



37.6113, 37.3780, 62.1513



# Rectangle

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



42.3882, 37.3780, 35.1176



38.1769, 37.3780, 25.2641



29.4487, 37.3780, 46.8409



33.0020, 37.3780, 61.4054

# Sweetspot

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



42.3892, 37.3797, 35.1184



85.9267, 86.4850, 91.2719



46.8529, 39.0441, 64.0984



18.0481, 18.0025, 18.8703



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.



42.3892, 37.3797, 35.1184



63.5393, 53.4351, 47.6634



46.5098, 46.0121, 35.2863



11.8336, 11.8182, 12.3994



16.2609, 8.3772, 1.0139



0.9182, 0.4720, 0.1043



# Inverse Universe

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



42.3892, 37.3797, 35.1184



63.5393, 53.4351, 47.6634



40.6311, 44.5694, 65.4928



11.8336, 11.8182, 12.3994



16.2609, 8.3772, 1.0139

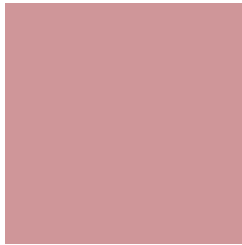


0.9182, 0.4720, 0.1043



# Previews

## White Background



This preview shows how the XYZ color 42.3882, 37.3780, 35.1176 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

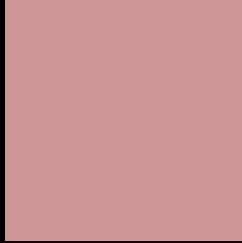
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 42.3882, 37.3780, 35.1176 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 42.3882, 37.3780, 35.1176**

## **Background**



This preview shows how black text looks on a background with the XYZ color 42.3882, 37.3780, 35.1176.



This preview shows how white text looks on a background with the XYZ color 42.3882, 37.3780,



# 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

42.3882, 37.3780, 35.1176

### Protanopia

36.0707, 37.5591, 39.0667

### Deuteranopia

38.2338, 37.4697, 34.4954



## Tritanopia

43.1050, 37.4429, 38.2130

# Trichromacy



## Original Color

42.3882, 37.3780, 35.1176

## Protanomaly

38.0981, 37.3322, 37.5456

## Deuteranomaly

39.8041, 37.5133, 34.8486

## Tritanomaly

42.8457, 37.3391, 36.8472

# Monochromacy



## Original Color

42.3882, 37.3780, 35.1176

## Achromatopsia

36.7301, 38.6429, 42.0822

## Achromatomaly

38.5579, 38.0435, 39.4933

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 42.3882, 37.3780, 35.1176 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(207, 150, 153)` looks like.

```
.text, #text, p{  
    color:rgb(207, 150, 153)  
}
```

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(207, 150, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 150, 153) }
```

## Border

The CSS property to change the border of an element to XYZ 42.3882, 37.3780, 35.1176 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(207, 150, 153) }
```



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

```
.border{ border-color:rgb(207, 150, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 150, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 150, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 150, 153);  
box-shadow:4px 4px 4px 4px rgb(207, 150,  
153) }
```

# Background

The CSS property to change the background color of an element to XYZ 42.3882, 37.3780, 35.1176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 150, 153) }
```

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

```
.background{ background-color: rgb(207,  
150, 153) }
```

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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