

# Converting Colors

XYZ(36.6382, 31.3120, 33.3909)

Have a look what the booklet for  
XYZ(36.6382, 31.3120, 33.3909)  
contains.

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# Color

**XYZ(36.6382, 31.3120,  
33.3909)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C28897
RGB	194, 136, 151
RGB Percent	76%, 53%, 59%
CMY	0.2392, 0.4666, 0.4078
CMYK	0.00, 0.30, 0.22, 0.24
HSL	344°, 32%, 65%
HSV	344°, 30%, 76%
XYZ	36.6382, 31.3120, 33.3909
YIQ	155.0520, 29.7530, 16.9610

# Conversions

## Conversions Part 2

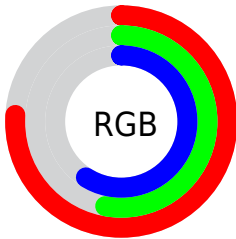
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 136, 151
Decimal	12748951
CIELab	62.77, 24.36, 0.94
CIElCh	63, 24.380, 2.208
Yxy	31.3120, 0.3615, 0.3090
Android (android.graphics.Color)	4290939031 (0xFFC28897)
YUV	155.0520, -1.9976, 34.1574
Hunter-Lab	55.9571, 18.9488, 3.7903

# Details

The XYZ color **36.6382, 31.3120, 33.3909** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.5831, 47.0733, 49.7554**, and the grayscale version is **31.1788, 32.8025, 35.7219**.

A 20% lighter version of the original color is **69.2166, 61.7439, 66.0273**, and **16.1962, 12.9061, 13.6941** is the 20% darker color. If you saturate the color by 10%, you get **33.0515, 25.8952, 26.7794**, and if you desaturate by 10%, it is **40.8637, 37.7777, 40.9192**.

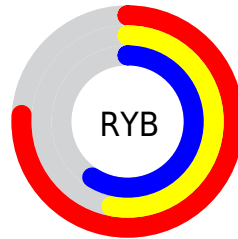
# Distribution



Red (76%)

Green (53%)

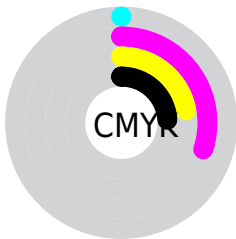
Blue (59%)



Red (76%)

Yellow (53%)

Blue (59%)

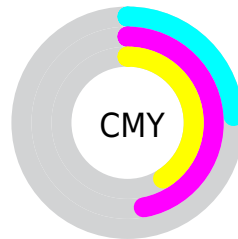


Cyan (0%)

Magenta (30%)

Yellow (22%)

Black (24%)



Cyan (24%)

Magenta (47%)


Yellow (41%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 36.6382, 31.3120, 33.3909 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 36.6382, 31.3120, 33.3909 by changing the saturation by 10% instead.





 36.6382, 31.3120,  
33.3909


 36.6382, 31.3120,  
33.3909


323.1243,  
307.9731, 332.0934


 25.0999, 20.8365,  
22.1525

 69.3334, 61.7310,  
66.1084

 16.2806, 13.0046,  
13.7696


 91.2211, 82.4432,  
88.4245

 9.8150, 7.4317,  
7.8237


 117.2892,  
107.3366, 115.2703

 5.3378, 3.7335,  
3.8962

147.9031,  
136.7954, 147.0644

 2.4836, 1.5256,  
1.5686

183.4282,  
171.2041, 184.2251

 0.8870, 0.3067,  
0.2682

224.2299,

 0.0000, 0.0000,

210.9470, 227.1712

0.0000

270.6734,  
256.4085, 276.3211

■ 36.6382, 31.3120,  
33.3909

■ 36.6382, 31.3120,  
33.3909

■ 33.0515, 25.8952,  
26.7794

■ 40.8637, 37.7777,  
40.9192

■ 30.0692, 21.4676,  
21.0471

■ 45.7549, 45.3393,  
49.3962

■ 27.6576, 17.9700,  
16.1563

■ 51.3404, 54.0461,  
58.8545

■ 25.7783, 15.3351,  
12.0658

■ 57.6462, 63.9433,  
69.3247

■ 24.3882, 13.4864,  
8.7306

■ 64.6970, 75.0734,  
80.8359

■ 23.4369, 12.3340,  
6.1008

■ 72.5164, 87.4771,  
93.4160

■ 22.8330, 11.7069,  
4.1095

■ 75.5294, 89.9978,  
105.2261

■ 22.8275, 11.7011,  
4.0915

■ 76.0583, 90.2094,  
108.0112

# Harmonies

## Analogous

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



35.8006, 31.3120, 43.3911



36.6382, 31.3120, 33.3909



35.5220, 31.3120, 25.2136

# Triad

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



36.6382, 31.3120, 33.3909



26.4731, 31.3120, 20.7981



26.8708, 31.3120, 53.0526

# Complementary

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



36.6382, 31.3120, 33.3909



37.5831, 47.0733, 49.7554

# 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.



24.6594, 31.3120, 44.8461



36.6382, 31.3120, 33.3909



24.4422, 31.3120, 26.2289

# Square

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



36.6382, 31.3120, 33.3909



29.5148, 31.3120, 18.8404



23.8034, 31.3120, 34.8058



30.0088, 31.3120, 55.9290



# Rectangle

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



36.6382, 31.3120, 33.3909



33.8653, 31.3120, 21.5448



23.8034, 31.3120, 34.8058



26.0027, 31.3120, 50.7589

# Sweetspot

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



36.6391, 31.3135, 33.3915



83.6125, 83.2559, 90.7190



37.0256, 31.0331, 55.0777



18.0022, 17.7538, 19.3389



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.



36.6391, 31.3135, 33.3915



61.9165, 49.9739, 52.3189



37.5252, 34.9124, 28.0553



10.1777, 10.1197, 11.0264



15.0372, 7.7046, 2.8421



0.6790, 0.3446, 0.2769



# Inverse Universe

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



36.6391, 31.3135, 33.3915



61.9165, 49.9739, 52.3189



36.3077, 41.9616, 57.2250



10.1777, 10.1197, 11.0264



15.0372, 7.7046, 2.8421

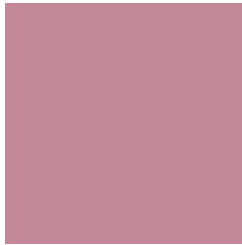


0.6790, 0.3446, 0.2769



# Previews

## White Background



This preview shows how the XYZ color 36.6382, 31.3120, 33.3909 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

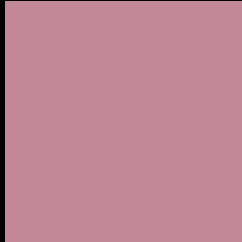
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 36.6382, 31.3120, 33.3909 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

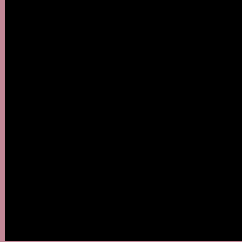
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 36.6382, 31.3120, 33.3909**

## **Background**



This preview shows how black text looks on a background with the XYZ color 36.6382, 31.3120, 33.3909.



This preview shows how white text looks on a background with the XYZ color 36.6382, 31.3120,



# 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

36.6382, 31.3120, 33.3909

### Protanopia

30.5486, 31.4436, 37.7168

### Deuteranopia

32.0070, 31.3622, 32.8003



## Tritanopia

36.4603, 31.4672, 31.7559

# Trichromacy



## Original Color

36.6382, 31.3120, 33.3909

## Protanomaly

32.5131, 31.3169, 36.2294

## Deuteranomaly

33.4589, 31.1940, 33.1117

## Tritanomaly

36.5391, 31.4988, 32.1710

# Monochromacy



## Original Color

36.6382, 31.3120, 33.3909

## Achromatopsia

31.1553, 32.7778, 35.6950

## Achromatomaly

32.7848, 31.9479, 35.0105

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 36.6382, 31.3120, 33.3909 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(194, 136, 151)` looks like.

```
.text, #text, p{  
    color:rgb(194, 136, 151)  
}
```

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(194, 136, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 136, 151) }
```

## Border

The CSS property to change the border of an element to XYZ 36.6382, 31.3120, 33.3909 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(194, 136, 151) }
```



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

```
.border{ border-color:rgb(194, 136, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 136, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 136, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 136, 151);  
box-shadow:4px 4px 4px 4px rgb(194, 136,  
151) }
```

# Background

The CSS property to change the background color of an element to XYZ 36.6382, 31.3120, 33.3909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 136, 151) }
```

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

```
.background{ background-color: rgb(194,  
136, 151) }
```

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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