

# Converting Colors

XYZ(41.1421, 37.7909, 31.1125)

Have a look what the booklet for  
XYZ(41.1421, 37.7909, 31.1125)  
contains.

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# Color

**XYZ(41.1421, 37.7909,  
31.1125)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB9A8F
RGB	203, 154, 143
RGB Percent	80%, 60%, 56%
CMY	0.2039, 0.3961, 0.4392
CMYK	0.00, 0.24, 0.30, 0.20
HSL	11°, 37%, 68%
HSV	11°, 30%, 80%
XYZ	41.1421, 37.7909, 31.1125
YIQ	167.3970, 32.7350, 6.9670

# Conversions

## Conversions Part 2

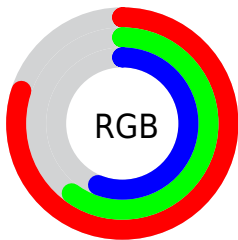
Format	Color
R <sub>Y</sub> B	203, 156, 143
Decimal	13343375
CIE Lab	67.87, 16.73, 12.87
CIE LCh	68, 21.109, 37.553
Yxy	37.7909, 0.3739, 0.3434
Android (android.graphics.Color)	4291533455 (0xFFCB9A8F)
YUV	167.3970, -12.0277, 31.2238
Hunter-Lab	61.4743, 11.8823, 13.0250

# Details

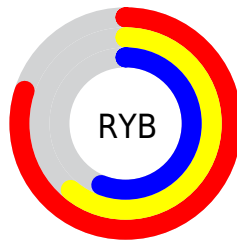
The XYZ color **41.1421, 37.7909, 31.1125** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.9561, 47.8490, 63.5771**, and the grayscale version is **36.9708, 38.8961, 42.3579**.

A 20% lighter version of the original color is **74.1185, 70.8921, 62.6004**, and **19.0388, 16.7867, 12.5926** is the 20% darker color. If you saturate the color by 10%, you get **37.1918, 32.1325, 22.8829**, and if you desaturate by 10%, it is **45.7506, 44.3199, 40.9352**.

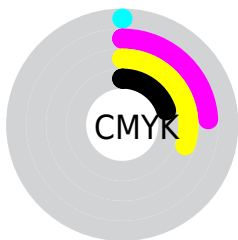
# Distribution



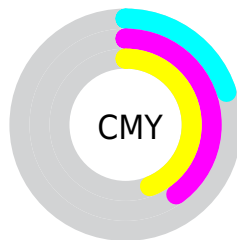
- Red (80%)
- Green (60%)
- Blue (56%)



- Red (80%)
- Yellow (61%)
- Blue (56%)



- Cyan (0%)
- Magenta (24%)
- Yellow (30%)
- Black (20%)




- Cyan (20%)
- Magenta (40%)
- Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 41.1421, 37.7909, 31.1125 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 41.1421, 37.7909, 31.1125 by changing the saturation by 10% instead.





 41.1421, 37.7909,  
31.1125


 41.1421, 37.7909,  
31.1125


341.9666,  
336.7221, 321.4235

 28.6183, 25.8204,  
20.4253


 76.1729, 71.7875,  
62.4988

 18.9351, 16.6894,  
12.5175


 99.4106, 94.5825,  
84.0350

 11.7271, 10.0133,  
6.9703


126.9503,  
121.7544, 110.0247

 6.6290, 5.4078,  
3.3654

159.1574,  
153.6877, 140.8863

 3.2754, 2.4884,  
1.2841

196.3973,  
190.7667, 177.0385

 1.3010, 0.8708,  
0.0487

239.0352,

 0.1840, 0.0000,

233.3758, 218.8997

0.0000

287.4365,  
281.8995, 266.8885

■ 0.0000, 0.0000,  
0.0000

■ 41.1421, 37.7909,  
31.1125

■ 41.1421, 37.7909,  
31.1125

■ 37.1918, 32.1325,  
22.8829

■ 45.7506, 44.3199,  
40.9352

■ 33.8662, 27.3025,  
16.1599

■ 51.0427, 51.7487,  
52.4267

■ 31.1335, 23.2633,  
10.8522

■ 57.0460, 60.1117,  
65.6606

■ 28.9576, 19.9721,  
6.8576

■ 63.7858, 69.4400,  
80.7055

■ 27.2986, 17.3820,  
4.0602

■ 71.2862, 79.7631,  
97.6261

■ 26.1105, 15.4407,  
2.3235

■ 77.9513, 90.4619,  
107.9602

■ 25.3256, 14.0826,  
1.4093

■ 78.4386, 91.4365,  
108.1226

■ 25.2974, 14.0341,  
1.3755

# Harmonies

## Analogous

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



42.5249, 37.7909, 38.8242



41.1421, 37.7909, 31.1125



38.3756, 37.7909, 26.6385

# Triad

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



41.1421, 37.7909, 31.1125



30.4117, 37.7909, 34.6435



36.7526, 37.7909, 61.7223

# Complementary

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



41.1421, 37.7909, 31.1125



40.9561, 47.8490, 63.5771

# 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.



33.5697, 37.7909, 60.1516



41.1421, 37.7909, 31.1125



30.0355, 37.7909, 43.5624

# Square

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



41.1421, 37.7909, 31.1125



32.2188, 37.7909, 28.4509



31.1580, 37.7909, 53.1378



39.8924, 37.7909, 57.1518



# Rectangle

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



41.1421, 37.7909, 31.1125



36.1884, 37.7909, 25.6418



31.1580, 37.7909, 53.1378



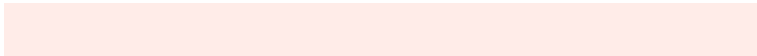
35.6512, 37.7909, 61.9059

# Sweetspot

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



41.1431, 37.7927, 31.1133



85.8827, 87.2293, 88.6916



43.9657, 36.1475, 54.5292



18.0854, 18.2552, 18.3338



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.



41.1431, 37.7927, 31.1133



64.8524, 57.5087, 43.6385



46.7272, 48.9609, 32.9746



11.3760, 11.5410, 11.7075



16.1480, 9.0289, 0.8917



0.8847, 0.5691, 0.0632

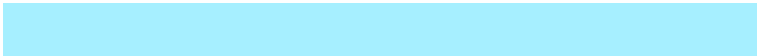


# Inverse Universe

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



40.9561, 47.8490, 63.5771



64.4821, 76.8171, 106.0364



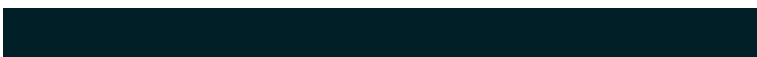
35.0278, 35.9925, 61.6010



11.3615, 12.3635, 14.3579



15.5730, 20.1699, 39.0287

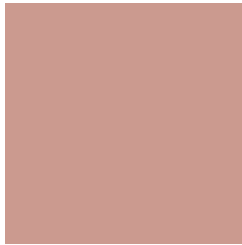


0.8500, 1.1338, 2.0290



# Previews

## White Background



This preview shows how the XYZ color 41.1421, 37.7909, 31.1125 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 41.1421, 37.7909, 31.1125 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 41.1421, 37.7909, 31.1125**

## **Background**



This preview shows how black text looks on a background with the XYZ color 41.1421, 37.7909, 31.1125.



This preview shows how white text looks on a background with the XYZ color 41.1421, 37.7909,



# 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

41.1421, 37.7909, 31.1125

### Protanopia

36.1135, 37.9644, 33.8583

### Deuteranopia

38.5158, 37.6964, 30.8373



## Tritanopia

42.8543, 37.7567, 39.6794

# Trichromacy



## Original Color

41.1421, 37.7909, 31.1125

## Protanomaly

37.7785, 37.7867, 32.9062

## Deuteranomaly

39.4451, 37.6690, 30.7831

## Tritanomaly

42.1308, 37.6941, 36.5077

# Monochromacy



## Original Color

41.1421, 37.7909, 31.1125

## Achromatopsia

36.7301, 38.6429, 42.0822

## Achromatomaly

37.9143, 38.0126, 37.6866

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 41.1421, 37.7909, 31.1125 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(203, 154, 143)` looks like.

```
.text, #text, p{  
    color:rgb(203, 154, 143)  
}
```

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(203, 154, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 154, 143) }
```

## Border

The CSS property to change the border of an element to XYZ 41.1421, 37.7909, 31.1125 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(203, 154, 143) }
```



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

```
.border{ border-color:rgb(203, 154, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 154, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 154, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 154, 143);  
box-shadow:4px 4px 4px 4px rgb(203, 154,  
143) }
```

# Background

The CSS property to change the background color of an element to XYZ 41.1421, 37.7909, 31.1125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 154, 143) }
```

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

```
.background{ background-color: rgb(203,  
154, 143) }
```

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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