

# Converting Colors

XYZ(37.2627, 29.8306, 33.0721)

Have a look what the booklet for  
XYZ(37.2627, 29.8306, 33.0721)  
contains.

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# Color

**XYZ(37.2627, 29.8306,  
33.0721)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C97F97
RGB	201, 127, 151
RGB Percent	79%, 50%, 59%
CMY	0.2118, 0.5019, 0.4078
CMYK	0.00, 0.37, 0.25, 0.21
HSL	341°, 41%, 64%
HSV	341°, 37%, 79%
XYZ	37.2627, 29.8306, 33.0721
YIQ	151.8620, 36.4000, 23.1520

# Conversions

## Conversions Part 2

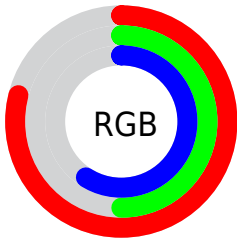
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 127, 151
Decimal	13205399
CIE <sub>Lab</sub>	61.51, 31.86, -0.81
CIE <sub>LCh</sub>	62, 31.870, 358.550
Yxy	29.8306, 0.3720, 0.2978
Android (android.graphics.Color)	4291395479 (0xFFC97F97)
YUV	151.8620, -0.4250, 43.0940
Hunter-Lab	54.6174, 26.2011, 2.3307

# Details

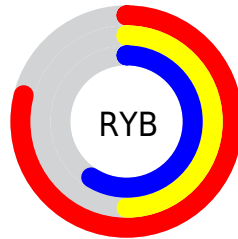
The XYZ color **37.2627, 29.8306, 33.0721** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.5762, 49.4604, 49.1637**, and the grayscale version is **29.7770, 31.3278, 34.1159**.

A 20% lighter version of the original color is **68.7833, 58.7155, 65.4656**, and **16.5617, 12.1087, 13.5209** is the 20% darker color. If you saturate the color by 10%, you get **33.8808, 24.7314, 26.8127**, and if you desaturate by 10%, it is **41.2912, 36.0192, 40.1746**.

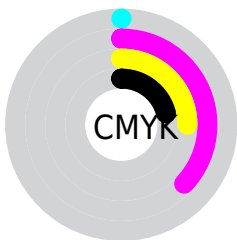
# Distribution



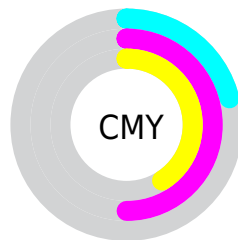
- Red (79%)
- Green (50%)
- Blue (59%)



- Red (79%)
- Yellow (50%)
- Blue (59%)



- Cyan (0%)
- Magenta (37%)
- Yellow (25%)
- Black (21%)




- Cyan (21%)
- Magenta (50%)
- Yellow (41%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 37.2627, 29.8306, 33.0721 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 37.2627, 29.8306, 33.0721 by changing the saturation by 10% instead.




 37.2627, 29.8306,  
33.0721


 37.2627, 29.8306,  
33.0721


325.7823,  
301.1140, 330.6165


 25.5856, 19.7100,  
21.9101


 70.2878, 59.3942,  
65.6054

 16.6449, 12.1844,  
13.5932

 92.3666, 79.6060,  
87.8138

 10.0754, 6.8694,  
7.7028


 118.6432,  
103.9503, 114.5414

 5.5116, 3.3806,  
3.8203

149.4831,  
132.8116, 146.2067

 2.5883, 1.3335,  
1.5273

185.2516,  
166.5743, 183.2284

 0.9400, 0.1669,  
0.2381

226.3140,

 0.0000, 0.0000,

205.6226, 226.0248

0.0000

273.0358,  
250.3411, 275.0147

■ 37.2627, 29.8306,  
33.0721

■ 37.2627, 29.8306,  
33.0721

■ 33.8808, 24.7314,  
26.8127

■ 41.2912, 36.0192,  
40.1746

■ 31.1078, 20.6535,  
21.3618

■ 45.9963, 43.3512,  
48.1495

■ 28.9056, 17.5282,  
16.6847


■ 51.4090, 51.8824,  
57.0267


■ 27.2308, 15.2761,  
12.7430


■ 57.5578, 61.6635,  
66.8342


■ 26.0331, 13.8049,  
9.4947


■ 64.4694, 72.7423,  
77.5986

 25.2471, 12.9926,  
6.8907

 72.1692, 85.1641,  
89.3454

 25.0469, 12.8013,  
6.1795

 76.4934, 90.5959,  
100.7033

 77.8975, 91.1576,  
108.0973

# Harmonies

## Analogous

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



35.8538, 29.8306, 46.1763



37.2627, 29.8306, 33.0721



36.0944, 29.8306, 22.5921

# Triad

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



37.2627, 29.8306, 33.0721



24.6493, 29.8306, 16.0455



24.3267, 29.8306, 56.6115

# Complementary

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



37.2627, 29.8306, 33.0721



37.5762, 49.4604, 49.1637

# 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.



21.8062, 29.8306, 44.9004



37.2627, 29.8306, 33.0721



21.9790, 29.8306, 21.8019

# Square

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



37.2627, 29.8306, 33.0721



28.5589, 29.8306, 14.3480



20.9905, 29.8306, 31.8959



28.1482, 29.8306, 61.6896



# Rectangle

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



37.2627, 29.8306, 33.0721



34.0707, 29.8306, 17.9907



20.9905, 29.8306, 31.8959



23.3139, 29.8306, 53.1971

# Sweetspot

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



37.2635, 29.8320, 33.0727



83.8425, 82.2296, 90.8451



36.1131, 28.6664, 58.8884



17.6732, 17.1710, 18.9975



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.



37.2635, 29.8320, 33.0727



59.1879, 44.1071, 48.1400



37.2002, 32.5132, 24.3954



10.7733, 10.6927, 11.7894



15.7861, 8.0640, 4.0835



0.7809, 0.3952, 0.3695



# Inverse Universe

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



37.2635, 29.8320, 33.0727



59.1879, 44.1071, 48.1400



37.4221, 44.9820, 61.9687



10.7733, 10.6927, 11.7894



15.7861, 8.0640, 4.0835

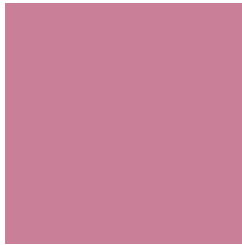


0.7809, 0.3952, 0.3695



# Previews

## White Background



This preview shows how the XYZ color 37.2627, 29.8306, 33.0721 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

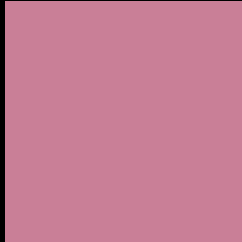
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the XYZ color 37.2627, 29.8306, 33.0721 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

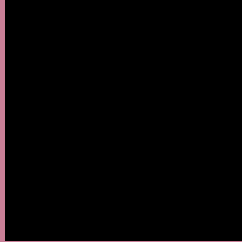
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

**XYZ 37.2627, 29.8306, 33.0721**

## **Background**



This preview shows how black text looks on a background with the XYZ color 37.2627, 29.8306, 33.0721.



This preview shows how white text looks on a background with the XYZ color 37.2627, 29.8306,



# 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

37.2627, 29.8306, 33.0721

### Protanopia

29.3234, 30.0632, 39.3792

### Deuteranopia

30.6284, 29.9771, 32.1889



## Tritanopia

36.3299, 29.8440, 28.2718

# Trichromacy



## Original Color

37.2627, 29.8306, 33.0721

## Protanomaly

31.5724, 29.4749, 36.8261

## Deuteranomaly

32.6448, 29.6940, 32.4447

## Tritanomaly

36.4965, 29.7009, 29.7959

# Monochromacy



## Original Color

37.2627, 29.8306, 33.0721

## Achromatopsia

29.8446, 31.3989, 34.1934

## Achromatomaly

32.0675, 30.4580, 33.8946

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 37.2627, 29.8306, 33.0721 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(201, 127, 151)` looks like.

```
.text, #text, p{  
    color:rgb(201, 127, 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(201, 127, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 127, 151) }
```

## Border

The CSS property to change the border of an element to XYZ 37.2627, 29.8306, 33.0721 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(201, 127, 151) }
```



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

```
.border{ border-color:rgb(201, 127, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 127, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 127, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 127, 151); box-shadow:4px 4px 4px 4px rgb(201, 127, 151) }
```

# Background

The CSS property to change the background color of an element to XYZ 37.2627, 29.8306, 33.0721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 127, 151) }
```

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

```
.background{ background-color: rgb(201,  
127, 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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