

Converting Colors

XYZ(37.3309, 30.3891, 31.1615)

Have a look what the booklet for
XYZ(37.3309, 30.3891, 31.1615)
contains.

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Color

**XYZ(37.1260, 30.1933,
31.0653)**

Conversions

Conversions Part 1

Format	Color
Hex	C98192
RGB	201, 129, 146
RGB Percent	79%, 51%, 57%
CMY	0.2118, 0.4941, 0.4274
CMYK	0.00, 0.36, 0.27, 0.21
HSL	346°, 40%, 65%
HSV	346°, 36%, 79%
XYZ	37.1260, 30.1933, 31.0653
YIQ	152.4660, 37.4550, 20.5510

Conversions

Conversions Part 2

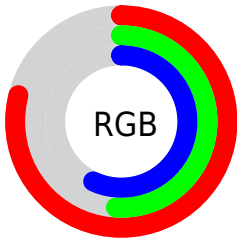
Format	Color
R_{YB}	201, 129, 146
Decimal	13205906
CIE _{Lab}	61.82, 30.06, 2.51
CIE _{LCh}	62, 30.167, 4.771
Yxy	30.1933, 0.3774, 0.3069
Android (android.graphics.Color)	4291395986 (0xFFC98192)
YUV	152.4660, -3.1877, 42.5643
Hunter-Lab	54.9484, 24.4441, 4.9441

Details

The XYZ color **37.1260, 30.1933, 31.0653** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.5930, 49.9019, 52.9478**, and the grayscale version is **30.0492, 31.6141, 34.4277**.

A 20% lighter version of the original color is **68.5988, 59.2971, 62.4735**, and **16.5128, 12.3130, 12.5727** is the 20% darker color. If you saturate the color by 10%, you get **33.6188, 24.9637, 24.3937**, and if you desaturate by 10%, it is **41.3161, 36.5315, 38.7567**.

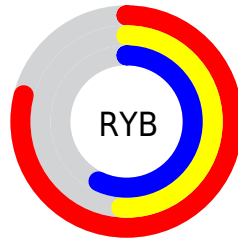
Distribution



Red (79%)

Green (51%)

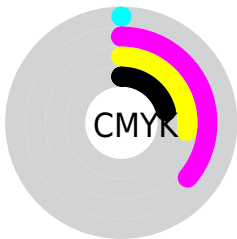
Blue (57%)



Red (79%)

Yellow (51%)

Blue (57%)

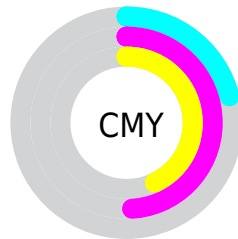


Cyan (0%)

Magenta (36%)

Yellow (27%)

Black (21%)



Cyan (21%)

Magenta (49%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.1260, 30.1933, 31.0653 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 37.1260, 30.1933, 31.0653 by changing the saturation by 10% instead.


 37.1260, 30.1933,
31.0653


 37.1260, 30.1933,
31.0653


325.2018,
302.8044, 321.1996

 25.4792, 19.9854,
20.3897


 70.0791, 59.9677,
62.4236

 16.5651, 12.3844,
12.4917


 92.1161, 80.3030,
83.9435

 10.0182, 7.0060,
6.9529


 118.3472,
104.7829, 109.9151

 5.4734, 3.4659,
3.3547

149.1378,
133.7917, 140.7571

 2.5652, 1.3795,
1.2785

184.8532,
167.7138, 176.8880

 0.9283, 0.2016,
0.0440

225.8587,

 0.0000, 0.0000,

206.9338, 218.7264

0.0000

272.5198,
251.8358, 266.6907

■ 37.1260, 30.1933,
31.0653

■ 37.1260, 30.1933,
31.0653

■ 33.6188, 24.9637,
24.3937

■ 41.3161, 36.5315,
38.7567

■ 30.7550, 20.7744,
18.6965

■ 46.2207, 44.0327,
47.5072

■ 28.4947, 17.5565,
13.9272


■ 51.8726, 52.7529,
57.3559


■ 26.7925, 15.2305,
10.0350


■ 58.3016, 62.7432,
68.3396

■ 25.5961, 13.7047,
6.9633


■ 65.5360, 74.0518,
80.4932

 24.8416, 12.8652,
4.6481

 73.6025, 86.7245,
93.8502

 24.6098, 12.6265,
3.8773

 77.6547, 91.0605,
106.8186

 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.



36.2874, 30.1933, 43.2619



37.1260, 30.1933, 31.0653



35.5395, 30.1933, 21.7814

Triad

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



37.1260, 30.1933, 31.0653



24.5047, 30.1933, 17.8172



25.5224, 30.1933, 57.2915

Complementary

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



37.1260, 30.1933, 31.0653



38.5930, 49.9019, 52.9478

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.



22.7959, 30.1933, 47.2125



37.1260, 30.1933, 31.0653



22.2480, 30.1933, 24.3005

Square

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



37.1260, 30.1933, 31.0653



28.0586, 30.1933, 15.3588



21.6527, 30.1933, 34.7544



29.3466, 30.1933, 60.2944

Rectangle

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



37.1260, 30.1933, 31.0653



33.4000, 30.1933, 17.8849



21.6527, 30.1933, 34.7544



24.4591, 30.1933, 54.5193

Sweetspot

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



37.1268, 30.1947, 31.0659



83.4852, 82.0867, 88.9639



37.9224, 29.9864, 59.0479



17.5885, 17.1371, 18.5516



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.



37.1268, 30.1947, 31.0659



58.7921, 44.5672, 44.1494



38.4846, 34.8713, 25.4731



10.7348, 10.6773, 11.5866



15.5037, 7.9510, 2.5962



0.7633, 0.3882, 0.2767

Inverse Universe

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



37.1268, 30.1947, 31.0659



58.7921, 44.5672, 44.1494



36.5305, 42.7522, 61.5853



10.7348, 10.6773, 11.5866



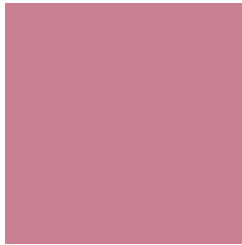
15.5037, 7.9510, 2.5962



0.7633, 0.3882, 0.2767

Previews

White Background



This preview shows how the XYZ color 37.1260, 30.1933, 31.0653 looks on a white background.

Color Contrast Check

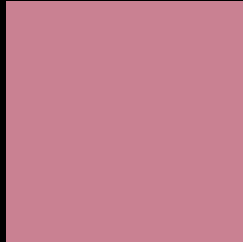
Large Text (above 18pt) WCAG AA × Fail

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 37.1260, 30.1933, 31.0653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

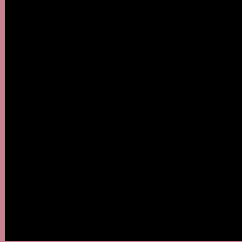
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.1260, 30.1933, 31.0653

Background



This preview shows how black text looks on a background with the XYZ color 37.1260, 30.1933, 31.0653.



This preview shows how white text looks on a background with the XYZ color 37.1260, 30.1933,

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

37.1260, 30.1933, 31.0653

Protanopia

29.4967, 30.4475, 36.6701

Deuteranopia

31.0197, 30.4495, 30.2290



Tritanopia

36.5357, 30.1381, 28.7025

Trichromacy



Original Color

37.1260, 30.1933, 31.0653

Protanomaly

31.8679, 30.1141, 34.7048

Deuteranomaly

32.8571, 30.0626, 30.4565

Tritanomaly

36.6845, 30.1976, 29.4864

Monochromacy



Original Color

37.1260, 30.1933, 31.0653

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

32.0558, 30.6946, 33.0893

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.1260, 30.1933, 31.0653 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, 129, 146)` looks like.

```
.text, #text, p{  
    color:rgb(201, 129, 146)  
}
```

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, 129, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 129, 146) }
```

Border

The CSS property to change the border of an element to XYZ 37.1260, 30.1933, 31.0653 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, 129, 146) }
```


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

```
.border{ border-color:rgb(201, 129, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 129, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 129, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 129, 146); box-shadow:4px 4px 4px 4px rgb(201, 129, 146) }
```

Background

The CSS property to change the background color of an element to XYZ 37.1260, 30.1933, 31.0653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 129, 146) }
```

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

```
.background{ background-color: rgb(201,  
129, 146) }
```

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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