

Converting Colors

XYZ(37.6874, 30.4179, 34.0219)

Have a look what the booklet for
XYZ(37.6874, 30.4179, 34.0219)
contains.

XYZ(37.6874, 30.4179, 34.0219)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.6874, 30.4179,
34.0219)**

Conversions

Conversions Part 1

Format	Color
Hex	C98199
RGB	201, 129, 153
RGB Percent	79%, 51%, 60%
CMY	0.2118, 0.4941, 0.4000
CMYK	0.00, 0.36, 0.24, 0.21
HSL	340°, 40%, 65%
HSV	340°, 36%, 79%
XYZ	37.6874, 30.4179, 34.0219
YIQ	153.2640, 35.2080, 22.7280

Conversions

Conversions Part 2

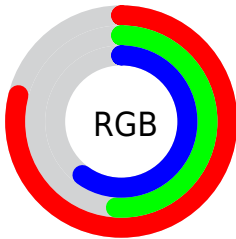
Format	Color
R _Y B	201, 129, 153
Decimal	13205913
CIE Lab	62.01, 31.07, -1.21
CIE LCh	62, 31.090, 357.769
Yxy	30.4179, 0.3690, 0.2978
Android (android.graphics.Color)	4291395993 (0xFFC98199)
YUV	153.2640, -0.1302, 41.8645
Hunter-Lab	55.1524, 25.4580, 2.0325

Details

The XYZ color **37.6874, 30.4179, 34.0219** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.8770, 49.6155, 49.1778**, and the grayscale version is **30.3838, 31.9661, 34.8111**.

A 20% lighter version of the original color is **69.4360, 59.6320, 66.8819**, and **16.7997, 12.4278, 14.0837** is the 20% darker color. If you saturate the color by 10%, you get **34.2502, 25.2163, 27.7187**, and if you desaturate by 10%, it is **41.7714, 36.7137, 41.1547**.

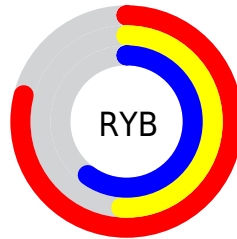
Distribution



Red (79%)

Green (51%)

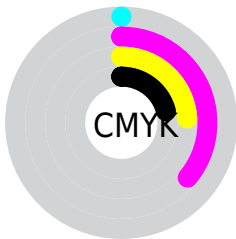
Blue (60%)



Red (79%)

Yellow (51%)

Blue (60%)

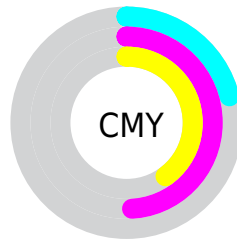


Cyan (0%)

Magenta (36%)

Yellow (24%)

Black (21%)



Cyan (21%)


Magenta (49%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.6874, 30.4179, 34.0219 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 37.6874, 30.4179, 34.0219 by changing the saturation by 10% instead.


 37.6874, 30.4179,
34.0219


 37.6874, 30.4179,
34.0219


327.5812,
303.8476, 335.0018


 25.9163, 20.1560,
22.6329


 70.9357, 60.3224,
67.1020

 16.8934, 12.5085,
14.1200

 93.1437, 80.7339,
89.6302

 10.2533, 7.0910,
8.0644

 119.5612,
105.2973, 116.7086

 5.6308, 3.5191,
4.0478

150.5538,
134.3970, 148.7557

 2.6604, 1.4084,
1.6516

186.4867,
168.4175, 186.1900

 0.9768, 0.2229,
0.3273

227.7254,

 0.0000, 0.0000,

207.7432, 229.4301

0.0000

274.6351,
252.7584, 278.8945

■ 37.6874, 30.4179,
34.0219

■ 37.6874, 30.4179,
34.0219

■ 34.2502, 25.2163,
27.7187

■ 41.7714, 36.7137,
41.1547

■ 31.4224, 21.0414,
22.2114

■ 46.5317, 44.1571,
49.1452

■ 29.1668, 17.8253,
17.4668


■ 51.9991, 52.8035,
58.0224


■ 27.4406, 15.4898,
13.4479


■ 58.2016, 62.7032,
67.8133


■ 26.1944, 13.9441,
10.1144


■ 65.1657, 73.9037,
78.5436

 25.3680, 13.0757,
7.4202

 72.9165, 86.4501,
90.2382

 25.1004, 12.8227,
6.4612

 76.6061, 90.6410,
101.2968

 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.



36.2391, 30.4179, 46.9404



37.6874, 30.4179, 34.0219



36.6031, 30.4179, 23.5307

Triad

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



37.6874, 30.4179, 34.0219



25.3337, 30.4179, 16.6716



24.8419, 30.4179, 56.5931

Complementary

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



37.6874, 30.4179, 34.0219



37.8770, 49.6155, 49.1778

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.



22.3804, 30.4179, 45.0138



37.6874, 30.4179, 34.0219



22.6446, 30.4179, 22.3193

Square

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



37.6874, 30.4179, 34.0219



29.2246, 30.4179, 15.0635



21.6158, 30.4179, 32.2340



28.6003, 30.4179, 61.7770

Rectangle

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



37.6874, 30.4179, 34.0219



34.6429, 30.4179, 18.8592



21.6158, 30.4179, 32.2340



23.8495, 30.4179, 53.2014

Sweetspot

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



37.6883, 30.4193, 34.0225



83.8792, 82.2443, 91.0387



36.5255, 29.2662, 58.9824



17.6819, 17.1745, 19.0435



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.



37.6883, 30.4193, 34.0225



59.8517, 44.9910, 49.7293



37.5758, 33.0537, 25.1702



10.7772, 10.6943, 11.8103



15.8204, 8.0777, 4.2641



0.7829, 0.3960, 0.3798

Inverse Universe

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



37.6883, 30.4193, 34.0225



59.8517, 44.9910, 49.7293



37.7945, 45.2803, 62.0065



10.7772, 10.6943, 11.8103



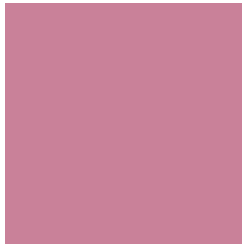
15.8204, 8.0777, 4.2641



0.7829, 0.3960, 0.3798

Previews

White Background



This preview shows how the XYZ color 37.6874, 30.4179, 34.0219 looks on a white background.

Color Contrast Check

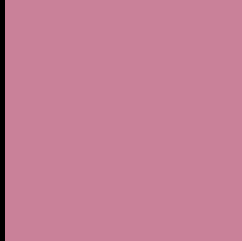
Large Text (above 18pt) WCAG AA × Fail

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 37.6874, 30.4179, 34.0219 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 37.6874, 30.4179, 34.0219

Background



This preview shows how black text looks on a background with the XYZ color 37.6874, 30.4179, 34.0219.



This preview shows how white text looks on a background with the XYZ color 37.6874, 30.4179,

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

37.6874, 30.4179, 34.0219

Protanopia

29.9334, 30.6011, 39.9262

Deuteranopia

31.1475, 30.4521, 33.0904



Tritanopia

36.7434, 30.4350, 29.1373

Trichromacy



Original Color

37.6874, 30.4179, 34.0219

Protanomaly

32.2545, 30.2440, 37.8559

Deuteranomaly

33.1786, 30.1646, 33.3518

Tritanomaly

36.9129, 30.2890, 30.6889

Monochromacy



Original Color

37.6874, 30.4179, 34.0219

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.3006, 30.7925, 34.3781

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.6874, 30.4179, 34.0219 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(201, 129, 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(201, 129, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 129, 153) }
```

Border

The CSS property to change the border of an element to XYZ 37.6874, 30.4179, 34.0219 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, 153) }
```


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

```
.border{ border-color:rgb(201, 129, 153) }
```

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, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 129, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 129, 153); box-shadow:4px 4px 4px 4px rgb(201, 129, 153) }
```

Background

The CSS property to change the background color of an element to XYZ 37.6874, 30.4179, 34.0219 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, 153) }
```

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

```
.background{ background-color: rgb(201,  
129, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor