

Converting Colors

XYZ(37.3955, 30.9661, 33.5833)

Have a look what the booklet for
XYZ(37.3955, 30.9661, 33.5833)
contains.

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Color

**XYZ(37.4719, 30.9116,
33.6973)**

Conversions

Conversions Part 1

Format	Color
Hex	C78498
RGB	199, 132, 152
RGB Percent	78%, 52%, 60%
CMY	0.2196, 0.4823, 0.4039
CMYK	0.00, 0.34, 0.24, 0.22
HSL	342°, 37%, 65%
HSV	342°, 34%, 78%
XYZ	37.4719, 30.9116, 33.6973
YIQ	154.3130, 33.5120, 20.4240

Conversions

Conversions Part 2

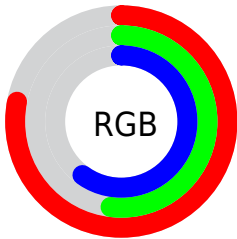
Format	Color
R _Y B	199, 132, 152
Decimal	13075608
CIE Lab	62.43, 28.56, -0.05
CIE LCh	62, 28.555, 359.893
Yxy	30.9116, 0.3671, 0.3028
Android (android.graphics.Color)	4291265688 (0xFFC78498)
YUV	154.3130, -1.1403, 39.1905
Hunter-Lab	55.5982, 23.0080, 2.9839

Details

The XYZ color **37.4719, 30.9116, 33.6973** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.0771, 49.0078, 50.1027**, and the grayscale version is **30.8479, 32.4544, 35.3428**.

A 20% lighter version of the original color is **69.9395, 60.8340, 66.4485**, and **16.7930, 12.7537, 13.8885** is the 20% darker color. If you saturate the color by 10%, you get **33.9494, 25.5898, 27.2101**, and if you desaturate by 10%, it is **41.6455, 37.3196, 41.0663**.

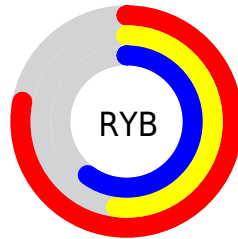
Distribution



Red (78%)

Green (52%)

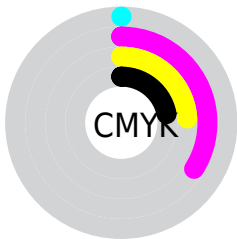
Blue (60%)



Red (78%)

Yellow (52%)

Blue (60%)

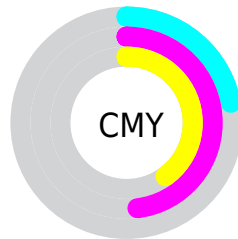


Cyan (0%)

Magenta (34%)

Yellow (24%)

Black (22%)



Cyan (22%)


Magenta (48%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.4719, 30.9116, 33.6973 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 37.4719, 30.9116, 33.6973 by changing the saturation by 10% instead.


 37.4719, 30.9116,
33.6973


 37.4719, 30.9116,
33.6973


326.6693,
306.1309, 333.5081


 25.7484, 20.5315,
22.3857


 70.6071, 61.1009,
66.5912

 16.7672, 12.7820,
13.9395


 92.7495, 81.6789,
89.0105

 10.1629, 7.2786,
7.9404


 119.0957,
106.4250, 115.9695

 5.5702, 3.6369,
3.9696

150.0109,
135.7236, 147.8867

 2.6237, 1.4726,
1.6087

185.8605,
169.9591, 185.1806

 0.9581, 0.2693,
0.2970

227.0098,

 0.0000, 0.0000,

209.5159, 228.2697

0.0000

273.8243,
254.7783, 277.5727

■ 37.4719, 30.9116,
33.6973

■ 37.4719, 30.9116,
33.6973

■ 33.9494, 25.5898,
27.2101

■ 41.6455, 37.3196,
41.0663

■ 31.0413, 21.2893,
21.5684

■ 46.4990, 44.8651,
49.3474

■ 28.7114, 17.9448,
16.7364


■ 52.0626, 53.6018,
58.5719


■ 26.9180, 15.4819,
12.6743


■ 58.3640, 63.5782,
68.7690


■ 25.6140, 13.8148,
9.3388


■ 65.4292, 74.8405,
79.9664

 24.7428, 12.8403,
6.6813

 73.2832, 87.4323,
92.1909

 24.3530, 12.4620,
5.3135

 76.5254, 90.5470,
103.6602

 77.3633, 90.8822,
108.0723

Harmonies

Analogous

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



36.3031, 30.9116, 45.5255



37.4719, 30.9116, 33.6973



36.3191, 30.9116, 24.1103

Triad

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



37.4719, 30.9116, 33.6973



25.8242, 30.9116, 18.3502



25.8021, 30.9116, 55.6770

Complementary

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



37.4719, 30.9116, 33.6973



38.0771, 49.0078, 50.1027

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.



23.3873, 30.9116, 45.4412



37.4719, 30.9116, 33.6973



23.3992, 30.9116, 24.0551

Square

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



37.4719, 30.9116, 33.6973



29.3945, 30.9116, 16.5214



22.5468, 30.9116, 33.6177



29.3667, 30.9116, 59.7980

Rectangle

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



37.4719, 30.9116, 33.6973



34.4423, 30.9116, 19.8419



22.5468, 30.9116, 33.6177



24.8407, 30.9116, 52.7406

Sweetspot

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



37.4728, 30.9131, 33.6979



84.7001, 83.6966, 91.8966



37.1285, 30.1994, 57.9052



17.8405, 17.4619, 19.1879



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.



37.4728, 30.9131, 33.6979



61.2247, 47.4799, 50.9799



37.9057, 34.1827, 26.4317



10.7620, 10.6882, 11.7298



15.6935, 8.0270, 3.5959



0.7756, 0.3931, 0.3412

Inverse Universe

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



37.4728, 30.9131, 33.6979



61.2247, 47.4799, 50.9799



37.3003, 43.9795, 60.5559



10.7620, 10.6882, 11.7298



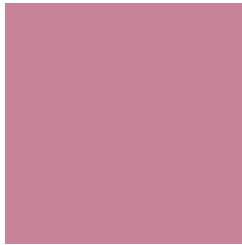
15.6935, 8.0270, 3.5959



0.7756, 0.3931, 0.3412

Previews

White Background



This preview shows how the XYZ color 37.4719, 30.9116, 33.6973 looks on a white background.

Color Contrast Check

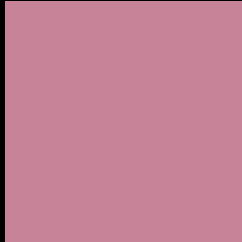
Large Text (above 18pt) WCAG AA × Fail

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 37.4719, 30.9116, 33.6973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

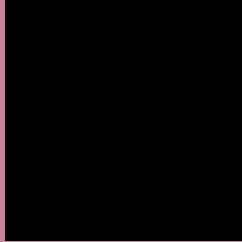
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.4719, 30.9116, 33.6973

Background



This preview shows how black text looks on a background with the XYZ color 37.4719, 30.9116, 33.6973.



This preview shows how white text looks on a background with the XYZ color 37.4719, 30.9116,

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

37.4719, 30.9116, 33.6973

Protanopia

30.2797, 31.0363, 39.0450

Deuteranopia

31.6400, 30.9432, 32.7388



Tritanopia

36.7103, 30.7944, 30.3946

Trichromacy



Original Color

37.4719, 30.9116, 33.6973

Protanomaly

32.2289, 30.4730, 36.9841

Deuteranomaly

33.6203, 30.8355, 33.0340

Tritanomaly

36.9427, 30.8874, 31.6185

Monochromacy



Original Color

37.4719, 30.9116, 33.6973

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

32.6062, 31.4037, 34.4800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4719, 30.9116, 33.6973 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(199, 132, 152)` looks like.

```
.text, #text, p{  
    color:rgb(199, 132, 152)  
}
```

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(199, 132, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 132, 152) }
```

Border

The CSS property to change the border of an element to XYZ 37.4719, 30.9116, 33.6973 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(199, 132, 152) }
```


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

```
.border{ border-color:rgb(199, 132, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 132, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 132, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 132, 152);  
box-shadow:4px 4px 4px 4px rgb(199, 132,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4719, 30.9116, 33.6973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 132, 152) }
```

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

```
.background{ background-color: rgb(199,  
132, 152) }
```

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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