

Converting Colors

XYZ(37.9937, 31.1410, 30.5584)

Have a look what the booklet for
XYZ(37.9937, 31.1410, 30.5584)
contains.

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Color

**XYZ(37.7789, 30.9427,
30.3669)**

Conversions

Conversions Part 1

Format	Color
Hex	CB8390
RGB	203, 131, 144
RGB Percent	80%, 51%, 56%
CMY	0.2039, 0.4863, 0.4353
CMYK	0.00, 0.35, 0.29, 0.20
HSL	349°, 41%, 65%
HSV	349°, 35%, 80%
XYZ	37.7789, 30.9427, 30.3669
YIQ	154.0100, 38.7390, 19.3070

Conversions

Conversions Part 2

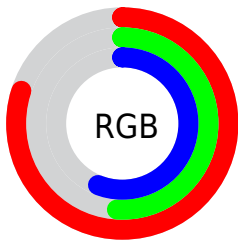
Format	Color
R _Y B	203, 131, 144
Decimal	13337488
CIE Lab	62.46, 29.44, 4.60
CIE LCh	62, 29.798, 8.889
Yxy	30.9427, 0.3813, 0.3123
Android (android.graphics.Color)	4291527568 (0xFFCB8390)
YUV	154.0100, -4.9349, 42.9642
Hunter-Lab	55.6262, 23.8837, 6.5713

Details

The XYZ color **37.7789, 30.9427, 30.3669** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.0116, 51.2555, 56.5023**, and the grayscale version is **30.7293, 32.3297, 35.2070**.

A 20% lighter version of the original color is **68.7820, 60.0351, 61.3888**, and **16.9217, 12.7485, 12.1585** is the 20% darker color. If you saturate the color by 10%, you get **34.1356, 25.5430, 23.3348**, and if you desaturate by 10%, it is **42.1454, 37.4885, 38.5651**.

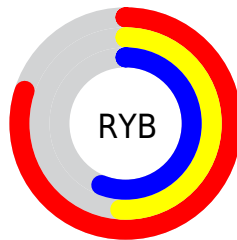
Distribution



Red (80%)

Green (51%)

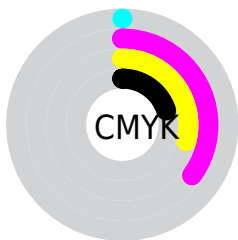
Blue (56%)



Red (80%)

Yellow (51%)

Blue (56%)

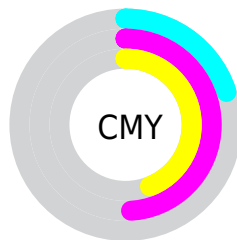


Cyan (0%)

Magenta (35%)

Yellow (29%)

Black (20%)



Cyan (20%)


Magenta (49%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.7789, 30.9427, 30.3669 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 37.7789, 30.9427, 30.3669 by changing the saturation by 10% instead.


 37.7789, 30.9427,
30.3669


 37.7789, 30.9427,
30.3669


327.9678,
306.2743, 317.8713


 25.9876, 20.5552,
19.8628

 71.0752, 61.1498,
61.3098

 16.9470, 12.7993,
12.1123


 93.3109, 81.7383,
82.5857

 10.2918, 7.2905,
6.6967


 119.7587,
106.4959, 108.2892

 5.6566, 3.6444,
3.1976

150.7841,
135.8070, 138.8390

 2.6761, 1.4767,
1.1964

186.7523,
170.0559, 174.6536

 0.9849, 0.2723,
0.0000

228.0288,

 0.0000, 0.0000,

209.6272, 216.1515

0.0000

274.9789,
254.9052, 263.7512

■ 37.7789, 30.9427,
30.3669

■ 37.7789, 30.9427,
30.3669

■ 34.1356, 25.5430,
23.3348

■ 42.1454, 37.4885,
38.5651

■ 31.1734, 21.2192,
17.4136

■ 47.2691, 45.2367,
47.9776

■ 28.8500, 17.8999,
12.5462

■ 53.1848, 54.2451,
58.6520

■ 27.1167, 15.5034,
8.6695

■ 59.9242, 64.5665,
70.6328

■ 25.9180, 13.9352,
5.7136

■ 67.5176, 76.2506,
83.9622

■ 25.1867, 13.0796,
3.5984

■ 75.9936, 89.3447,
98.6808

■ 24.9570, 12.8279,
2.8817

■ 78.4386, 91.4365,
108.1226

Harmonies

Analogous

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



37.2749, 30.9427, 42.3637



37.7789, 30.9427, 30.3669



35.8857, 30.9427, 21.5574

Triad

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



37.7789, 30.9427, 30.3669



24.7945, 30.9427, 19.1629



26.6979, 30.9427, 59.0220

Complementary

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



37.7789, 30.9427, 30.3669



40.0116, 51.2555, 56.5023

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.



23.7645, 30.9427, 49.6913



37.7789, 30.9427, 30.3669



22.7376, 30.9427, 26.2915

Square

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



37.7789, 30.9427, 30.3669



28.2252, 30.9427, 16.1343



22.3786, 30.9427, 37.2500



30.6278, 30.9427, 60.8230

Rectangle

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



37.7789, 30.9427, 30.3669



33.6127, 30.9427, 17.9983



22.3786, 30.9427, 37.2500



25.5733, 30.9427, 56.5744

Sweetspot

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



37.7797, 30.9442, 30.3675



83.2628, 81.9978, 87.7925



40.0821, 31.4674, 60.4612



17.5358, 17.1160, 18.2743



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.



37.7797, 30.9442, 30.3675



58.2235, 44.3397, 41.1551



40.2489, 37.3818, 26.5687



11.2936, 11.2462, 12.0809



15.9068, 8.1733, 1.9621



0.8464, 0.4320, 0.2370

Inverse Universe

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



37.7797, 30.9442, 30.3675



58.2235, 44.3397, 41.1551



36.5024, 41.8616, 62.6562



11.2936, 11.2462, 12.0809



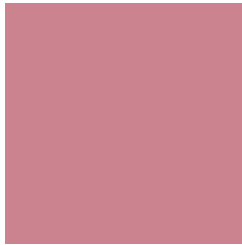
15.9068, 8.1733, 1.9621



0.8464, 0.4320, 0.2370

Previews

White Background



This preview shows how the XYZ color 37.7789, 30.9427, 30.3669 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 37.7789, 30.9427, 30.3669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

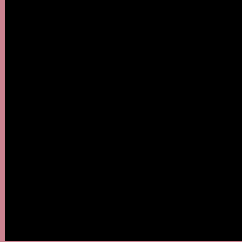
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.7789, 30.9427, 30.3669

Background



This preview shows how black text looks on a background with the XYZ color 37.7789, 30.9427, 30.3669.



This preview shows how white text looks on a background with the XYZ color 37.7789, 30.9427,

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

37.7789, 30.9427, 30.3669

Protanopia

30.1199, 31.2721, 35.4590

Deuteranopia

31.6642, 31.0269, 29.5192



Tritanopia

37.5526, 30.8522, 29.1751

Trichromacy



Original Color

37.7789, 30.9427, 30.3669

Protanomaly

32.3538, 30.8388, 33.5254

Deuteranomaly

33.6988, 30.9478, 29.7886

Tritanomaly

37.6274, 30.8821, 29.5688

Monochromacy



Original Color

37.7789, 30.9427, 30.3669

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

32.7972, 31.5304, 33.2115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.7789, 30.9427, 30.3669 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, 131, 144)` looks like.

```
.text, #text, p{  
    color:rgb(203, 131, 144)  
}
```

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, 131, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 131, 144) }
```

Border

The CSS property to change the border of an element to XYZ 37.7789, 30.9427, 30.3669 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, 131, 144) }
```


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

```
.border{ border-color:rgb(203, 131, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 131, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 131, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 131, 144);  
box-shadow:4px 4px 4px 4px rgb(203, 131,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 37.7789, 30.9427, 30.3669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 131, 144) }
```

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

```
.background{ background-color: rgb(203,  
131, 144) }
```

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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