

Converting Colors

XYZ(38.5429, 30.5343, 30.6160)

Have a look what the booklet for
XYZ(38.5429, 30.5343, 30.6160)
contains.

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Color

**XYZ(38.4323, 30.4885,
30.6473)**

Conversions

Conversions Part 1

Format	Color
Hex	CF7F91
RGB	207, 127, 145
RGB Percent	81%, 50%, 57%
CMY	0.1882, 0.5019, 0.4314
CMYK	0.00, 0.39, 0.30, 0.19
HSL	347°, 45%, 65%
HSV	347°, 39%, 81%
XYZ	38.4323, 30.4885, 30.6473
YIQ	152.9720, 41.9020, 22.5580

Conversions

Conversions Part 2

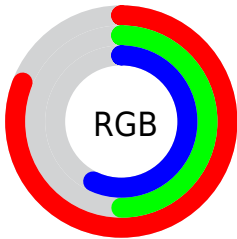
Format	Color
R _Y B	207, 127, 145
Decimal	13598609
CIE Lab	62.07, 33.21, 3.54
CIE LCh	62, 33.398, 6.081
Yxy	30.4885, 0.3860, 0.3062
Android (android.graphics.Color)	4291788689 (0xFFCF7F91)
YUV	152.9720, -3.9302, 47.3826
Hunter-Lab	55.2164, 27.6128, 5.7432

Details

The XYZ color **38.4323, 30.4885, 30.6473** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.2519, 52.8125, 56.2192**, and the grayscale version is **30.2707, 31.8471, 34.6815**.

A 20% lighter version of the original color is **68.0727, 58.4313, 61.7234**, and **17.4125, 12.5744, 12.3358** is the 20% darker color. If you saturate the color by 10%, you get **34.8773, 25.2204, 23.7838**, and if you desaturate by 10%, it is **42.7129, 36.9278, 38.6152**.

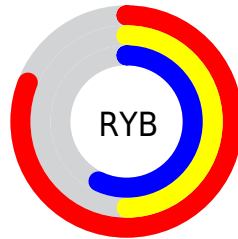
Distribution



Red (81%)

Green (50%)

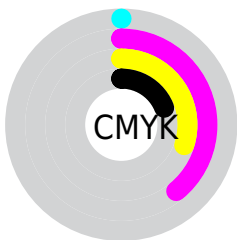
Blue (57%)



Red (81%)

Yellow (50%)

Blue (57%)

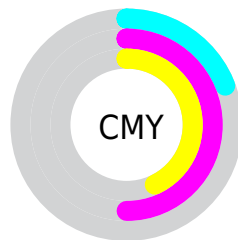


Cyan (0%)

Magenta (39%)

Yellow (30%)

Black (19%)



Cyan (19%)


Magenta (50%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.4323, 30.4885, 30.6473 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 38.4323, 30.4885, 30.6473 by changing the saturation by 10% instead.


 38.4323, 30.4885,
30.6473


 38.4323, 30.4885,
30.6473

330.7197,
304.1749, 319.2109


 26.4971, 20.2097,
20.0742

 72.0699, 60.4339,
61.7574

 17.3305, 12.5475,
12.2644


 94.5030, 80.8692,
83.1315

 10.5672, 7.1177,
6.7993


 121.1662,
105.4588, 108.9430

 5.8417, 3.5358,
3.2604

152.4247,
134.5871, 139.6105

 2.7888, 1.4175,
1.2291

188.6439,
168.6384, 175.5525

 1.0431, 0.2295,
0.0026

230.1893,

 0.0000, 0.0000,

207.9972, 217.1875

0.0000

277.4261,
253.0479, 264.9341

■ 38.4323, 30.4885,
30.6473

■ 38.4323, 30.4885,
30.6473

■ 34.8773, 25.2204,
23.7838

■ 42.7129, 36.9278,
38.6152

■ 32.0043, 21.0485,
17.9733

■ 47.7543, 44.5985,
47.7323

■ 29.7687, 17.8958,
13.1629

■ 53.5927, 53.5622,
58.0427

■ 28.1192, 15.6736,
9.2939

■ 60.2610, 63.8748,
69.5879

■ 26.9965, 14.2776,
6.3012

■ 67.7903, 75.5891,
82.4074

■ 26.3115, 13.5459,
4.1049

■ 76.2099, 88.7549,
96.5387

■ 26.2365, 13.4671,
3.8602

■ 79.5421, 92.0054,
108.1742

Harmonies

Analogous

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



37.6025, 30.4885, 44.2567



38.4323, 30.4885, 30.6473



36.5256, 30.4885, 20.6673

Triad

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



38.4323, 30.4885, 30.6473



24.1884, 30.4885, 16.9636



25.6192, 30.4885, 61.2948

Complementary

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



38.4323, 30.4885, 30.6473



40.2519, 52.8125, 56.2192

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.



22.5498, 30.4885, 49.9791



38.4323, 30.4885, 30.6473



21.7853, 30.4885, 24.1525

Square

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



38.4323, 30.4885, 30.6473



28.0740, 30.4885, 14.1896



21.2179, 30.4885, 35.8839



29.9021, 30.4885, 64.3280

Rectangle

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



38.4323, 30.4885, 30.6473



34.0645, 30.4885, 16.6240



21.2179, 30.4885, 35.8839



24.4256, 30.4885, 58.2132

Sweetspot

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



38.4331, 30.4900, 30.6479



82.4672, 80.5721, 87.0170



39.6742, 30.4191, 62.8119



17.3835, 16.8343, 18.1531



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.



38.4331, 30.4900, 30.6479



56.9942, 42.0345, 40.2728



40.2062, 36.0837, 24.9264



11.9161, 11.8512, 12.8340



16.5600, 8.4968, 2.5891



0.9568, 0.4874, 0.3072

Inverse Universe

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



38.4331, 30.4900, 30.6479



56.9942, 42.0345, 40.2728



37.5048, 43.9956, 65.5468



11.9161, 11.8512, 12.8340



16.5600, 8.4968, 2.5891



0.9568, 0.4874, 0.3072

Previews

White Background



This preview shows how the XYZ color 38.4323, 30.4885, 30.6473 looks on a white background.

Color Contrast Check

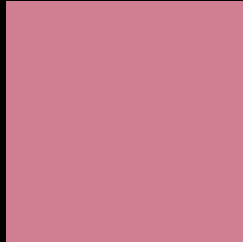
Large Text (above 18pt) WCAG AA × Fail

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 38.4323, 30.4885, 30.6473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

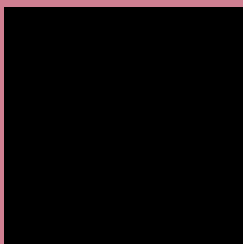
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.4323, 30.4885, 30.6473

Background



This preview shows how black text looks on a background with the XYZ color 38.4323, 30.4885, 30.6473.



This preview shows how white text looks on a background with the XYZ color 38.4323, 30.4885,

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

38.4323, 30.4885, 30.6473

Protanopia

29.8404, 30.8606, 36.7317

Deuteranopia

31.1563, 30.5286, 29.8417



Tritanopia

37.7602, 30.3951, 27.9214

Trichromacy



Original Color

38.4323, 30.4885, 30.6473

Protanomaly

32.2174, 30.3038, 34.2882

Deuteranomaly

33.3378, 30.1052, 30.0404

Tritanomaly

37.9805, 30.4832, 29.0814

Monochromacy



Original Color

38.4323, 30.4885, 30.6473

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

32.7119, 31.0328, 33.1200

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.4323, 30.4885, 30.6473 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(207, 127, 145)` looks like.

```
.text, #text, p{  
    color:rgb(207, 127, 145)  
}
```

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(207, 127, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 127, 145) }
```

Border

The CSS property to change the border of an element to XYZ 38.4323, 30.4885, 30.6473 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(207, 127, 145) }
```


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

```
.border{ border-color:rgb(207, 127, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 127, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 127, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 127, 145);  
box-shadow:4px 4px 4px 4px rgb(207, 127,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 38.4323, 30.4885, 30.6473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 127, 145) }
```

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

```
.background{ background-color: rgb(207,  
127, 145) }
```

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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