

Converting Colors

XYZ(34.3582, 30.0359, 28.6336)

Have a look what the booklet for
XYZ(34.3582, 30.0359, 28.6336)
contains.

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Color

**XYZ(34.3839, 30.0402,
28.7971)**

Conversions

Conversions Part 1

Format	Color
Hex	BD878C
RGB	189, 135, 140
RGB Percent	74%, 53%, 55%
CMY	0.2588, 0.4706, 0.4510
CMYK	0.00, 0.29, 0.26, 0.26
HSL	354°, 29%, 64%
HSV	354°, 29%, 74%
XYZ	34.3839, 30.0402, 28.7971
YIQ	151.7160, 30.5790, 13.0030

Conversions

Conversions Part 2

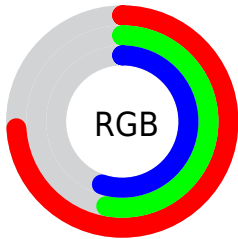
Format	Color
R _Y B	189, 135, 140
Decimal	12421004
CIE Lab	61.69, 21.40, 5.57
CIE LCh	62, 22.113, 14.583
Yxy	30.0402, 0.3688, 0.3222
Android (android.graphics.Color)	4290611084 (0xFFBD878C)
YUV	151.7160, -5.7760, 32.6981
Hunter-Lab	54.8089, 16.0647, 7.2148

Details

The XYZ color **34.3839, 30.0402, 28.7971** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.8423, 45.0076, 52.0952**, and the grayscale version is **29.7382, 31.2869, 34.0714**.

A 20% lighter version of the original color is **65.8293, 59.8383, 58.5324**, and **14.9255, 12.3035, 11.2610** is the 20% darker color. If you saturate the color by 10%, you get **30.8096, 24.7601, 21.8450**, and if you desaturate by 10%, it is **38.6251, 36.3382, 36.9447**.

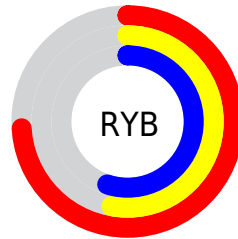
Distribution



Red (74%)

Green (53%)

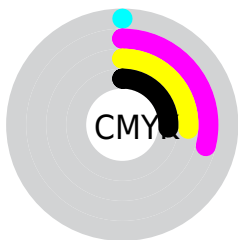
Blue (55%)



Red (74%)

Yellow (53%)

Blue (55%)

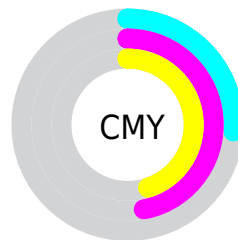


Cyan (0%)

Magenta (29%)

Yellow (26%)

Black (26%)



Cyan (26%)


Magenta (47%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3839, 30.0402, 28.7971 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 34.3839, 30.0402, 28.7971 by changing the saturation by 10% instead.


 34.3839, 30.0402,
28.7971


 34.3839, 30.0402,
28.7971


313.3963,
302.0918, 310.2873


 23.3530, 19.8691,
18.6831


 65.8706, 59.7257,
58.7929

 14.9765, 12.2999,
11.2670


 87.0570, 80.0090,
79.5118

 8.8891, 6.9483,
6.1303


 112.3593,
104.4317, 104.6028

 4.7254, 3.4298,
2.8544

142.1428,
133.3784, 134.4843

 2.1202, 1.3600,
1.0208

176.7729,
167.2333, 169.5750

 0.7001, 0.1870,
0.0000

216.6150,

 0.0000, 0.0000,

206.3809, 210.2934

0.0000

262.0343,
251.2056, 257.0580

■ 34.3839, 30.0402,
28.7971

■ 34.3839, 30.0402,
28.7971

■ 30.8096, 24.7601,
21.8450

■ 38.6251, 36.3382,
36.9447

■ 27.8659, 20.4405,
16.0304

■ 43.5621, 43.6990,
46.3384

■ 25.5167, 17.0247,
11.2931

■ 49.2254, 52.1703,
57.0283

■ 23.7213, 14.4486,
7.5668

■ 55.6425, 61.7953,
69.0610

■ 22.4339, 12.6393,
4.7776

■ 62.8397, 72.6150,
82.4808

■ 21.6012, 11.5119,
2.8415

■ 70.8422, 84.6685,
97.3301

■ 21.1415, 10.9279,
1.6542

■ 74.7964, 89.5589,
107.9521

■ 21.0914, 10.8609,
1.5353

Harmonies

Analogous

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



34.3598, 30.0402, 37.2071



34.3839, 30.0402, 28.7971



32.7735, 30.0402, 22.6042

Triad

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



34.3839, 30.0402, 28.7971



24.7630, 30.0402, 22.4741



27.0748, 30.0402, 50.9428

Complementary

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



34.3839, 30.0402, 28.7971



36.8423, 45.0076, 52.0952

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.



24.7101, 30.0402, 45.4486



34.3839, 30.0402, 28.7971



23.4391, 30.0402, 28.5883

Square

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



34.3839, 30.0402, 28.7971



27.1517, 30.0402, 19.4023



23.4204, 30.0402, 36.9593



30.0003, 30.0402, 51.0249

Rectangle

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



34.3839, 30.0402, 28.7971



31.0496, 30.0402, 20.1502



23.4204, 30.0402, 36.9593



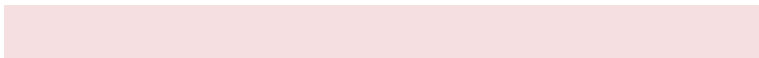
26.1927, 30.0402, 49.6307

Sweetspot

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



34.3847, 30.0416, 28.7977



77.4764, 77.4537, 81.9626



37.5217, 31.1445, 52.1783



16.3690, 16.2202, 17.0719



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.3847, 30.0416, 28.7977



57.6176, 47.9400, 43.8856



37.3498, 36.5481, 28.0093



9.5651, 9.5503, 10.0987



14.2038, 7.3127, 1.1011



0.5686, 0.2913, 0.1076

Inverse Universe

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



34.3847, 30.0416, 28.7977



57.6176, 47.9400, 43.8856



33.0703, 36.6104, 53.4679



9.5651, 9.5503, 10.0987



14.2038, 7.3127, 1.1011



0.5686, 0.2913, 0.1076

Previews

White Background



This preview shows how the XYZ color 34.3839, 30.0402, 28.7971 looks on a white background.

Color Contrast Check

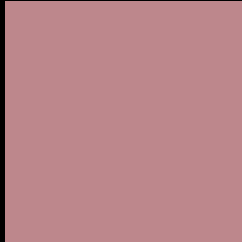
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.3839, 30.0402, 28.7971 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 34.3839, 30.0402, 28.7971

Background



This preview shows how black text looks on a background with the XYZ color 34.3839, 30.0402, 28.7971.



This preview shows how white text looks on a background with the XYZ color 34.3839, 30.0402,

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

34.3839, 30.0402, 28.7971

Protanopia

29.0416, 30.3084, 32.3364

Deuteranopia

30.7092, 30.1063, 28.2373



Tritanopia

34.6222, 29.9133, 30.7371

Trichromacy



Original Color

34.3839, 30.0402, 28.7971

Protanomaly

30.6011, 29.9902, 30.9639

Deuteranomaly

32.0896, 30.1439, 28.5532

Tritanomaly

34.4693, 29.8522, 29.9319

Monochromacy



Original Color

34.3839, 30.0402, 28.7971

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.1412, 30.6952, 32.3004

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3839, 30.0402, 28.7971 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(189, 135, 140)` looks like.

```
.text, #text, p{  
    color:rgb(189, 135, 140)  
}
```

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(189, 135, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 135, 140) }
```

Border

The CSS property to change the border of an element to XYZ 34.3839, 30.0402, 28.7971 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(189, 135, 140) }
```


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

```
.border{ border-color:rgb(189, 135, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 135, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 135, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 135, 140);  
box-shadow:4px 4px 4px 4px rgb(189, 135,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3839, 30.0402, 28.7971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 135, 140) }
```

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

```
.background{ background-color: rgb(189,  
135, 140) }
```

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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