

Converting Colors

XYZ(33.9240, 30.4833, 30.6272)

Have a look what the booklet for
XYZ(33.9240, 30.4833, 30.6272)
contains.

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Color

**XYZ(33.8897, 30.3809,
30.4635)**

Conversions

Conversions Part 1

Format	Color
Hex	B88A90
RGB	184, 138, 144
RGB Percent	72%, 54%, 56%
CMY	0.2784, 0.4588, 0.4353
CMYK	0.00, 0.25, 0.22, 0.28
HSL	352°, 24%, 63%
HSV	352°, 25%, 72%
XYZ	33.8897, 30.3809, 30.4635
YIQ	152.4380, 25.4900, 11.6180

Conversions

Conversions Part 2

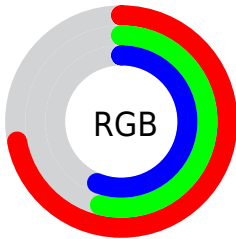
Format	Color
RYB	184, 138, 144
Decimal	12094096
CIELab	61.98, 18.42, 3.64
CIElCh	62, 18.781, 11.182
Yxy	30.3809, 0.3577, 0.3207
Android (android.graphics.Color)	4290284176 (0xFFB88A90)
YUV	152.4380, -4.1599, 27.6799
Hunter-Lab	55.1189, 13.2923, 5.8144

Details

The XYZ color **33.8897, 30.3809, 30.4635** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.6589, 42.8994, 48.5226**, and the grayscale version is **30.0447, 31.6094, 34.4226**.

A 20% lighter version of the original color is **65.3183, 60.4773, 61.6567**, and **14.7160, 12.5334, 12.2332** is the 20% darker color. If you saturate the color by 10%, you get **30.3326, 25.0869, 23.6656**, and if you desaturate by 10%, it is **38.0691, 36.6415, 38.3248**.

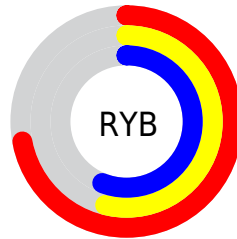
Distribution



Red (72%)

Green (54%)

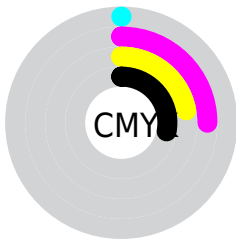
Blue (56%)



Red (72%)

Yellow (54%)

Blue (56%)

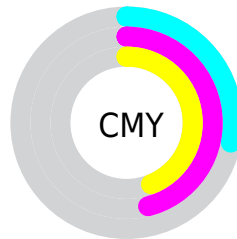


Cyan (0%)

Magenta (25%)

Yellow (22%)

Black (28%)



Cyan (28%)


Magenta (46%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.8897, 30.3809, 30.4635 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 33.8897, 30.3809, 30.4635 by changing the saturation by 10% instead.


 33.8897, 30.3809,
30.4635

 33.8897, 30.3809,
30.4635


311.2345,
303.6759, 318.3333


 22.9714, 20.1279,
19.9356

 65.1075, 60.2640,
61.4641

 14.6929, 12.4880,
12.1647


 86.1377, 80.6629,
82.7738

 8.6891, 7.0770,
6.7320


 111.2693,
105.2126, 108.5146

 4.5944, 3.5103,
3.2192

140.8675,
134.2974, 139.1050

 2.0436, 1.4036,
1.2076

175.2978,
168.3017, 174.9636

 0.6583, 0.2194,
0.0000

214.9255,

 0.0000, 0.0000,

207.6100, 216.5087

0.0000

260.1160,
252.6066, 264.1591

■ 33.8897, 30.3809,
30.4635

■ 33.8897, 30.3809,
30.4635

■ 30.3326, 25.0869,
23.6656

■ 38.0691, 36.6415,
38.3248

■ 27.3654, 20.7073,
17.8834

■ 42.8961, 43.9091,
47.2905

■ 24.9568, 17.1915,
13.0686

■ 48.3975, 52.2269,
57.4019

■ 23.0714, 14.4821,
9.1680

■ 54.5980, 61.6343,
68.6973

■ 21.6697, 12.5148,
6.1232

■ 61.5209, 72.1689,
81.2135

■ 20.7066, 11.2156,
3.8691

■ 69.1887, 83.8662,
94.9857

■ 20.1278, 10.4945,
2.3308

■ 73.5773, 88.9304,
107.8951

■ 19.9320, 10.2563,
1.7927

Harmonies

Analogous

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



33.7044, 30.3809, 37.7557



33.8897, 30.3809, 30.4635



32.6745, 30.3809, 24.7656

Triad

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



33.8897, 30.3809, 30.4635



25.8048, 30.3809, 23.7048



27.3428, 30.3809, 48.0127

Complementary

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



33.8897, 30.3809, 30.4635



35.6589, 42.8994, 48.5226

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.



25.3842, 30.3809, 43.0728



33.8897, 30.3809, 30.4635



24.5325, 30.3809, 28.8065

Square

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



33.8897, 30.3809, 30.4635



27.9476, 30.3809, 21.2587



24.3831, 30.3809, 35.8414



29.8250, 30.3809, 48.6278

Rectangle

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



33.8897, 30.3809, 30.4635



31.2728, 30.3809, 22.3597



24.3831, 30.3809, 35.8414



26.6052, 30.3809, 46.7725

Sweetspot

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



33.8905, 30.3823, 30.4641



75.8054, 76.6481, 82.1110



36.0707, 31.0883, 49.4472



16.2267, 16.3498, 17.4878



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



33.8905, 30.3823, 30.4641



57.7496, 49.5815, 48.2077



36.0547, 35.4249, 28.9838



9.0510, 9.0308, 9.6160



13.7521, 7.0746, 1.3157



0.5003, 0.2556, 0.1280

Inverse Universe

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



33.8905, 30.3823, 30.4641



57.7496, 49.5815, 48.2077



32.9773, 36.5514, 50.6647



9.0510, 9.0308, 9.6160



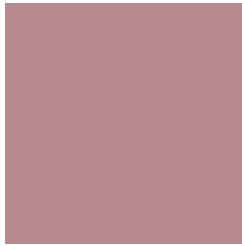
13.7521, 7.0746, 1.3157



0.5003, 0.2556, 0.1280

Previews

White Background



This preview shows how the XYZ color 33.8897, 30.3809, 30.4635 looks on a white background.

Color Contrast Check

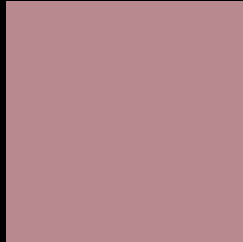
Large Text (above 18pt) WCAG AA × Fail

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 33.8897, 30.3809, 30.4635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

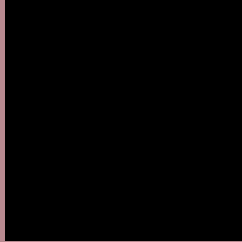
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.8897, 30.3809, 30.4635

Background



This preview shows how black text looks on a background with the XYZ color 33.8897, 30.3809, 30.4635.



This preview shows how white text looks on a background with the XYZ color 33.8897, 30.3809,

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

33.8897, 30.3809, 30.4635

Protanopia

29.2014, 30.3723, 33.1775

Deuteranopia

31.0197, 30.4495, 30.2290



Tritanopia

34.0581, 30.2198, 32.0549

Trichromacy



Original Color

33.8897, 30.3809, 30.4635

Protanomaly

30.7805, 30.2814, 32.2396

Deuteranomaly

31.8645, 30.2134, 30.1389

Tritanomaly

33.9793, 30.1883, 31.6398

Monochromacy



Original Color

33.8897, 30.3809, 30.4635

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.1684, 30.9299, 32.7611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.8897, 30.3809, 30.4635 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(184, 138, 144)` looks like.

```
.text, #text, p{  
    color:rgb(184, 138, 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(184, 138, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 138, 144) }
```

Border

The CSS property to change the border of an element to XYZ 33.8897, 30.3809, 30.4635 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(184, 138, 144) }
```


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

```
.border{ border-color:rgb(184, 138, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 138, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 138, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 138, 144);  
box-shadow:4px 4px 4px 4px rgb(184, 138,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 33.8897, 30.3809, 30.4635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 138, 144) }
```

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

```
.background{ background-color: rgb(184,  
138, 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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