

Converting Colors

Yxy(33.1314, 0.3449, 0.2810)

Have a look what the booklet for
Yxy(33.1314, 0.3449, 0.2810)
contains.

Yxy(33.2209, 0.3448, 0.2808)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(33.2209, 0.3448, 0.2808)

Conversions

Conversions Part 1

Format	Color
Hex	CA88AE
RGB	202, 136, 174
RGB Percent	79%, 53%, 68%
CMY	0.2080, 0.4666, 0.3177
CMYK	0.00, 0.33, 0.14, 0.21
HSL	325°, 38%, 66%
HSV	325°, 33%, 79%
XYZ	40.7926, 33.2209, 44.2945
YIQ	160.0660, 27.1380, 25.8100

Conversions

Conversions Part 2

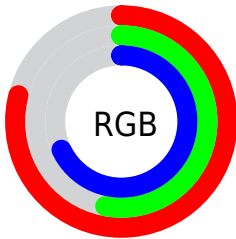
Format	Color
R _Y B	202, 136, 174
Decimal	13273262
CIE Lab	64.34, 30.86, -9.68
CIE LCh	64, 32.344, 342.592
Yxy	33.2209, 0.3448, 0.2808
Android (android.graphics.Color)	4291463342 (0xFFCA88AE)
YUV	160.0660, 6.8695, 36.7761
Hunter-Lab	57.6376, 25.4664, -5.2181

Details

The Yxy color **33.2209, 0.3448, 0.2808** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.1427, 0.2900, 0.3830**, and the grayscale version is **35.1447, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.7441, 0.3353, 0.2896**, and **14.1052, 0.3543, 0.2659** is the 20% darker color. If you saturate the color by 10%, you get **27.7346, 0.3586, 0.2659**, and if you desaturate by 10%, it is **39.8036, 0.3330, 0.2960**.

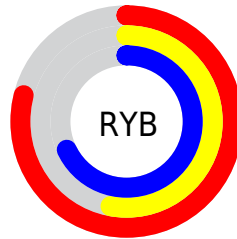
Distribution



Red (79%)

Green (53%)

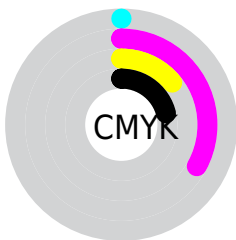
Blue (68%)



Red (79%)

Yellow (53%)

Blue (68%)

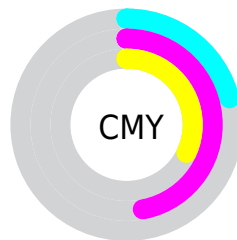


Cyan (0%)

Magenta (33%)

Yellow (14%)

Black (21%)



Cyan (21%)

Magenta (47%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.2209, 0.3448, 0.2808 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 Yxy color 33.2209, 0.3448, 0.2808 by changing the saturation by 10% instead.


 33.2209, 0.3448,
0.2808


 33.2209, 0.3448,
0.2808


316.6439, 0.3283,
0.3053

 22.2957, 0.3491,
0.2746


 64.7203, 0.3387,
0.2898

 14.0744, 0.3546,
0.2665


 86.0632, 0.3365,
0.2931

 8.1724, 0.3621,
0.2557


 111.6476, 0.3346,
0.2960

 4.2055, 0.3729,
0.2403

141.8577, 0.3329,
0.2984

 1.7891, 0.3896,
0.2171

177.0780, 0.3316,
0.3005

 0.4804, 0.4270,
0.1620

217.6929, 0.3303,

 0.0000, 1.0000,

0.3023

0.0000

264.0867, 0.3293,
0.3039

0.0000, 0.0000,
0.0000

33.2209, 0.3448,
0.2808

33.2209, 0.3448,
0.2808

27.7346, 0.3586,
0.2659

39.8036, 0.3330,
0.2960

23.2792, 0.3744,
0.2521

47.5340, 0.3230,
0.3110

19.7896, 0.3920,
0.2405


56.4658, 0.3147,
0.3253

17.1912, 0.4111,
0.2322


66.6480, 0.3077,
0.3388


15.3982, 0.4310,
0.2284


78.1267, 0.3020,
0.3514

 14.3078, 0.4509,
0.2299

 89.5308, 0.2971,
0.3607

 13.8185, 0.4652,
0.2336

 90.0116, 0.2925,
0.3513

 90.5164, 0.2880,
0.3420

 91.0453, 0.2836,
0.3330

Harmonies

Analogous

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



33.2209, 0.2933, 0.2568



33.2209, 0.3448, 0.2808



33.2209, 0.3901, 0.3159

Triad

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



33.2209, 0.3448, 0.2808



33.2209, 0.3731, 0.4176



33.2209, 0.2219, 0.2891

Complementary

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



33.2209, 0.3448, 0.2808



50.1427, 0.2900, 0.3830

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.



33.2209, 0.2397, 0.3359



33.2209, 0.3448, 0.2808



33.2209, 0.3256, 0.4167

Square

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



33.2209, 0.3448, 0.2808



33.2209, 0.4059, 0.3932



33.2209, 0.2769, 0.3854



33.2209, 0.2259, 0.2588

Rectangle

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



33.2209, 0.3448, 0.2808



33.2209, 0.4085, 0.3424



33.2209, 0.2769, 0.3854



33.2209, 0.2255, 0.3033

Sweetspot

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



33.2224, 0.3448, 0.2808



84.1181, 0.3208, 0.3147



29.7176, 0.2793, 0.2394



17.5637, 0.3221, 0.3126



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



33.2224, 0.3448, 0.2808



49.6795, 0.3541, 0.2705



32.1059, 0.3811, 0.3220



11.3201, 0.3202, 0.3157



8.9134, 0.4627, 0.2323



0.4748, 0.4277, 0.2130

Inverse Universe

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



33.2224, 0.3448, 0.2808



49.6795, 0.3541, 0.2705



51.4689, 0.2698, 0.3364



11.3201, 0.3202, 0.3157



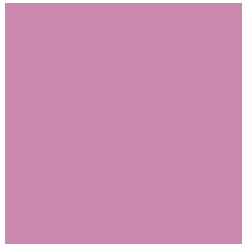
8.9134, 0.4627, 0.2323



0.4748, 0.4277, 0.2130

Previews

White Background



This preview shows how the Yxy color 33.2209, 0.3448, 0.2808 looks on a white background.

Color Contrast Check

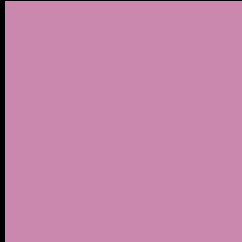
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 33.2209, 0.3448, 0.2808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

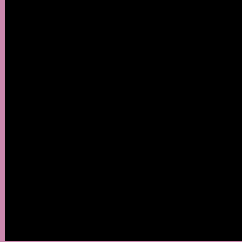
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.2209, 0.3448, 0.2808

Background



This preview shows how black text looks on a background with the Yxy color 33.2209, 0.3448, 0.2808.



This preview shows how white text looks on a background with the Yxy color 33.2209, 0.3448, 0.2808.

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

33.2209, 0.3448, 0.2808

Protanopia

33.4719, 0.2815, 0.2841

Deuteranopia

33.3961, 0.3081, 0.3018



Tritanopia

33.1326, 0.3658, 0.3147

Trichromacy



Original Color

33.2209, 0.3448, 0.2808

Protanomaly

32.9922, 0.3021, 0.2816

Deuteranomaly

33.0013, 0.3205, 0.2931

Tritanomaly

33.2478, 0.3583, 0.3031

Monochromacy



Original Color

33.2209, 0.3448, 0.2808

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

33.9638, 0.3237, 0.3094

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.2209, 0.3448, 0.2808 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(202, 136, 174)` looks like.

```
.text, #text, p{  
    color:rgb(202, 136, 174)  
}
```

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(202, 136, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 136, 174) }
```

Border

The CSS property to change the border of an element to Yxy 33.2209, 0.3448, 0.2808 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(202, 136, 174) }
```

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

```
.border{ border-color:rgb(202, 136, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 136, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 136, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 136, 174);  
box-shadow:4px 4px 4px 4px rgb(202, 136,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 33.2209, 0.3448, 0.2808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 136, 174) }
```

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

```
.background{ background-color: rgb(202,  
136, 174) }
```

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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