

Converting Colors

Yxy(33.4423, 0.3280, 0.2669)

Have a look what the booklet for
Yxy(33.4423, 0.3280, 0.2669)
contains.

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Color

Yxy(33.4423, 0.3280, 0.2669)

Conversions

Conversions Part 1

Format	Color
Hex	C689BA
RGB	198, 137, 186
RGB Percent	78%, 54%, 73%
CMY	0.2236, 0.4627, 0.2705
CMYK	0.00, 0.31, 0.06, 0.22
HSL	312°, 35%, 66%
HSV	312°, 31%, 78%
XYZ	41.0981, 33.4423, 50.7586
YIQ	160.8250, 20.6270, 28.1710

Conversions

Conversions Part 2

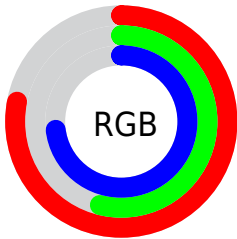
Format	Color
R_{YB}	198, 137, 186
Decimal	13011386
CIE _{Lab}	64.52, 31.03, -16.25
CIE _{LCh}	65, 35.033, 332.358
Yxy	33.4423, 0.3280, 0.2669
Android (android.graphics.Color)	4291201466 (0xFFC689BA)
YUV	160.8250, 12.4113, 32.6025
Hunter-Lab	57.8293, 25.6549, -11.5602

Details

The Yxy color **33.4423, 0.3280, 0.2669** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.8726, 0.3005, 0.4004**, and the grayscale version is **35.4905, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.9324, 0.3252, 0.2782**, and **14.1887, 0.3313, 0.2489** is the 20% darker color. If you saturate the color by 10%, you get **28.1586, 0.3343, 0.2469**, and if you desaturate by 10%, it is **39.7663, 0.3223, 0.2874**.

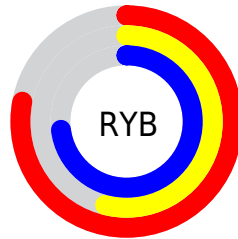
Distribution



Red (78%)

Green (54%)

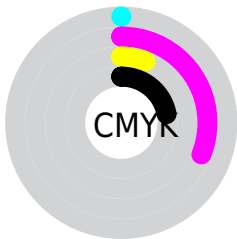
Blue (73%)



Red (78%)

Yellow (54%)

Blue (73%)

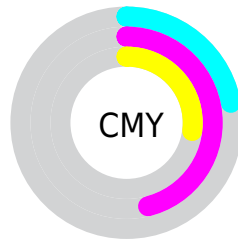


Cyan (0%)

Magenta (31%)

Yellow (6%)

Black (22%)



Cyan (22%)

Magenta (46%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.4423, 0.3280, 0.2669 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 33.4423, 0.3280, 0.2669 by changing the saturation by 10% instead.


 33.4423, 0.3280,
0.2669


 33.4423, 0.3280,
0.2669


317.6381, 0.3207,
0.2980


 22.4655, 0.3297,
0.2591


 65.0655, 0.3254,
0.2782

 14.1993, 0.3319,
0.2492


 86.4806, 0.3244,
0.2824

 8.2594, 0.3346,
0.2360


 112.1440, 0.3236,
0.2860

 4.2614, 0.3381,
0.2178

142.4400, 0.3228,
0.2891

 1.8208, 0.3427,
0.1910

177.7530, 0.3222,
0.2918

 0.5001, 0.3533,
0.1363

218.4674, 0.3216,

 0.0000, 0.2754,

0.2941

0.0000

264.9676, 0.3211,
0.2962

0.0000, 0.0000,
0.0000

33.4423, 0.3280,
0.2669

33.4423, 0.3280,
0.2669

28.1586, 0.3343,
0.2469

39.7663, 0.3223,
0.2874

23.8542, 0.3413,
0.2283

47.1784, 0.3174,
0.3078

20.4685, 0.3487,
0.2120


55.7290, 0.3130,
0.3275

17.9325, 0.3563,
0.1991


65.4637, 0.3093,
0.3461

16.1671, 0.3640,
0.1903


76.4258, 0.3062,
0.3636

 15.0787, 0.3714,
0.1861

 88.1448, 0.3035,
0.3790

 14.5133, 0.3781,
0.1856

 88.3400, 0.3014,
0.3746

 88.5399, 0.2993,
0.3702

 88.7445, 0.2972,
0.3659

Harmonies

Analogous

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



33.4423, 0.2743, 0.2465



33.4423, 0.3280, 0.2669



33.4423, 0.3816, 0.3009

Triad

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



33.4423, 0.3280, 0.2669



33.4423, 0.3921, 0.4177



33.4423, 0.2191, 0.3012

Complementary

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



33.4423, 0.3280, 0.2669



47.8726, 0.3005, 0.4004

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.



33.4423, 0.2455, 0.3554



33.4423, 0.3280, 0.2669



33.4423, 0.3446, 0.4283

Square

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



33.4423, 0.3280, 0.2669



33.4423, 0.4194, 0.3846



33.4423, 0.2909, 0.4053



33.4423, 0.2156, 0.2619

Rectangle

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



33.4423, 0.3280, 0.2669



33.4423, 0.4077, 0.3282



33.4423, 0.2909, 0.4053



33.4423, 0.2255, 0.3183

Sweetspot

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



33.4438, 0.3280, 0.2669



85.9348, 0.3166, 0.3111



28.2827, 0.2685, 0.2420



17.9413, 0.3173, 0.3082



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.



33.4438, 0.3280, 0.2669



52.7123, 0.3322, 0.2533



32.3085, 0.3597, 0.3037



10.7796, 0.3167, 0.3106



9.4513, 0.3771, 0.1851



0.4569, 0.3633, 0.1775

Inverse Universe

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



33.4438, 0.3280, 0.2669



52.7123, 0.3322, 0.2533



48.9454, 0.2809, 0.3561



10.7796, 0.3167, 0.3106



9.4513, 0.3771, 0.1851



0.4569, 0.3633, 0.1775

Previews

White Background



This preview shows how the Yxy color 33.4423, 0.3280, 0.2669 looks on a white background.

Color Contrast Check

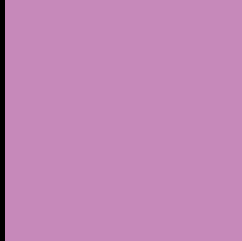
Large Text (above 18pt) WCAG AA × Fail

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 33.4423, 0.3280, 0.2669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

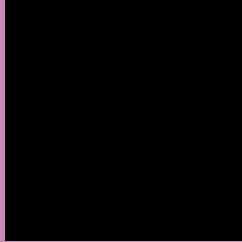
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.4423, 0.3280, 0.2669

Background



This preview shows how black text looks on a background with the Yxy color 33.4423, 0.3280, 0.2669.



This preview shows how white text looks on a background with the Yxy color 33.4423, 0.3280, 0.2669.

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

33.4423, 0.3280, 0.2669

Protanopia

33.6772, 0.2683, 0.2666

Deuteranopia

33.5723, 0.2919, 0.2862



Tritanopia

33.4473, 0.3563, 0.3144

Trichromacy



Original Color

33.4423, 0.3280, 0.2669

Protanomaly

33.0742, 0.2880, 0.2658

Deuteranomaly

33.2124, 0.3042, 0.2782

Tritanomaly

33.4050, 0.3450, 0.2962

Monochromacy



Original Color

33.4423, 0.3280, 0.2669

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.3574, 0.3179, 0.3039

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.4423, 0.3280, 0.2669 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(198, 137, 186)` looks like.

```
.text, #text, p{  
    color:rgb(198, 137, 186)  
}
```

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(198, 137, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 137, 186) }
```

Border

The CSS property to change the border of an element to Yxy 33.4423, 0.3280, 0.2669 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(198, 137, 186) }
```

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

```
.border{ border-color:rgb(198, 137, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 137, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 137, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 137, 186); box-shadow:4px 4px 4px 4px rgb(198, 137, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 33.4423, 0.3280, 0.2669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 137, 186) }
```

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

```
.background{ background-color: rgb(198,  
137, 186) }
```

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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