

Converting Colors

Yxy(33.1414, 0.3426, 0.3046)

Have a look what the booklet for
Yxy(33.1414, 0.3426, 0.3046)
contains.

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Color

Yxy(33.0724, 0.3425, 0.3034)

Conversions

Conversions Part 1

Format	Color
Hex	BD8FA2
RGB	189, 143, 162
RGB Percent	74%, 56%, 64%
CMY	0.2587, 0.4392, 0.3647
CMYK	0.00, 0.24, 0.14, 0.26
HSL	335°, 26%, 65%
HSV	335°, 24%, 74%
XYZ	37.3345, 33.0724, 38.5990
YIQ	158.9200, 21.3170, 15.6610

Conversions

Conversions Part 2

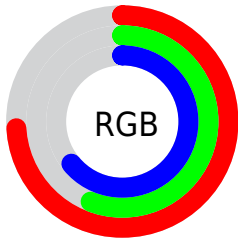
Format	Color
R_{YB}	189, 143, 162
Decimal	12423074
CIE _{Lab}	64.22, 20.41, -3.24
CIE _{LCh}	64, 20.661, 350.984
Yxy	33.0724, 0.3425, 0.3034
Android (android.graphics.Color)	4290613154 (0xFFBD8FA2)
YUV	158.9200, 1.5184, 26.3802
Hunter-Lab	57.5086, 15.2420, 0.4614

Details

The Yxy color **33.0724, 0.3425, 0.3034** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.1471, 0.2902, 0.3562**, and the grayscale version is **34.6196, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.5351, 0.3366, 0.3082**, and **13.9310, 0.3529, 0.2956** is the 20% darker color. If you saturate the color by 10%, you get **27.4916, 0.3593, 0.2923**, and if you desaturate by 10%, it is **39.6472, 0.3286, 0.3143**.

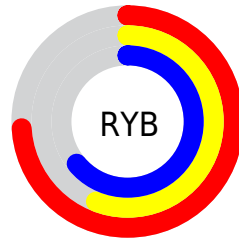
Distribution



Red (74%)

Green (56%)

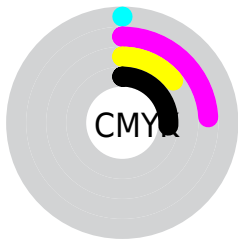
Blue (64%)



Red (74%)

Yellow (56%)

Blue (64%)

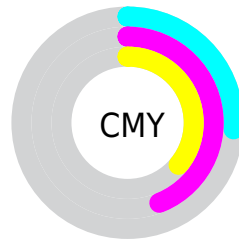


Cyan (0%)

Magenta (24%)

Yellow (14%)

Black (26%)



Cyan (26%)

Magenta (44%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0724, 0.3425, 0.3034 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 33.0724, 0.3425, 0.3034 by changing the saturation by 10% instead.


 33.0724, 0.3425,
0.3034


 33.0724, 0.3425,
0.3034


315.9758, 0.3269,
0.3167

 22.1819, 0.3467,
0.2999


 64.4885, 0.3366,
0.3084

 13.9906, 0.3522,
0.2953


 85.7830, 0.3345,
0.3102

 8.1141, 0.3598,
0.2889


111.3142, 0.3327,
0.3117

 4.1681, 0.3712,
0.2797

141.4666, 0.3312,
0.3130

 1.7680, 0.3896,
0.2649

176.6246, 0.3299,
0.3141

 0.4671, 0.4404,
0.2174

217.1725, 0.3287,

 0.0000, 0.0000,

0.3151

0.0000

263.4948, 0.3277,
0.3160

■ 33.0724, 0.3425,
0.3034

■ 33.0724, 0.3425,
0.3034

■ 27.4916, 0.3593,
0.2923

■ 39.6472, 0.3286,
0.3143

■ 22.8516, 0.3793,
0.2816

■ 47.2570, 0.3171,
0.3247

■ 19.1008, 0.4026,
0.2719


■ 55.9457, 0.3076,
0.3344


■ 16.1810, 0.4292,
0.2644

■ 65.7536, 0.2998,
0.3434

■ 14.0269, 0.4581,
0.2602

■ 76.7189, 0.2934,
0.3517

 12.5632, 0.4881,
0.2606


 87.9755, 0.2881,
0.3578

 11.6990, 0.5171,
0.2663

 88.6139, 0.2824,
0.3454

 11.3726, 0.5329,
0.2709

 89.2926, 0.2768,
0.3334

 89.5618, 0.2747,
0.3289

Harmonies

Analogous

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



33.0724, 0.3098, 0.2845



33.0724, 0.3425, 0.3034



33.0724, 0.3677, 0.3287

Triad

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



33.0724, 0.3425, 0.3034



33.0724, 0.3446, 0.3869



33.0724, 0.2521, 0.2975

Complementary

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



33.0724, 0.3425, 0.3034



45.1471, 0.2902, 0.3562

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.



33.0724, 0.2603, 0.3254



33.0724, 0.3425, 0.3034



33.0724, 0.3129, 0.3797

Square

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



33.0724, 0.3425, 0.3034



33.0724, 0.3686, 0.3771



33.0724, 0.2822, 0.3564



33.0724, 0.2589, 0.2802

Rectangle

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



33.0724, 0.3425, 0.3034



33.0724, 0.3762, 0.3467



33.0724, 0.2822, 0.3564



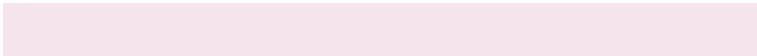
33.0724, 0.2532, 0.3059

Sweetspot

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



33.0739, 0.3425, 0.3034



80.6618, 0.3200, 0.3219



31.8473, 0.2967, 0.2658



17.1660, 0.3207, 0.3213



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



33.0739, 0.3425, 0.3034



53.8922, 0.3507, 0.2977



33.6196, 0.3616, 0.3344



9.6000, 0.3225, 0.3196



7.6642, 0.5297, 0.2691



0.3133, 0.4677, 0.2350

Inverse Universe

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



33.0739, 0.3425, 0.3034



53.8922, 0.3507, 0.2977



44.2906, 0.2769, 0.3235



9.6000, 0.3225, 0.3196



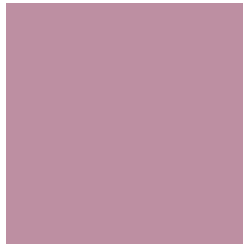
7.6642, 0.5297, 0.2691



0.3133, 0.4677, 0.2350

Previews

White Background



This preview shows how the Yxy color 33.0724, 0.3425, 0.3034 looks on a white background.

Color Contrast Check

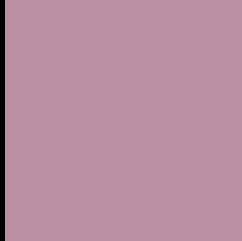
Large Text (above 18pt) WCAG AA × Fail

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 33.0724, 0.3425, 0.3034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

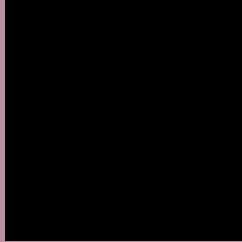
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.0724, 0.3425, 0.3034

Background



This preview shows how black text looks on a background with the Yxy color 33.0724, 0.3425, 0.3034.



This preview shows how white text looks on a background with the Yxy color 33.0724, 0.3425, 0.3034.

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

33.0724, 0.3425, 0.3034

Protanopia

33.2758, 0.3002, 0.3083

Deuteranopia

33.1063, 0.3224, 0.3161



Tritanopia

33.0044, 0.3486, 0.3141

Trichromacy



Original Color

33.0724, 0.3425, 0.3034

Protanomaly

33.1019, 0.3147, 0.3074

Deuteranomaly

32.9831, 0.3290, 0.3107

Tritanomaly

33.1065, 0.3454, 0.3100

Monochromacy



Original Color

33.0724, 0.3425, 0.3034

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

33.8666, 0.3232, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0724, 0.3425, 0.3034 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, 143, 162)` looks like.

```
.text, #text, p{  
    color:rgb(189, 143, 162)  
}
```

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, 143, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 143, 162) }
```

Border

The CSS property to change the border of an element to Yxy 33.0724, 0.3425, 0.3034 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, 143, 162) }
```

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

```
.border{ border-color:rgb(189, 143, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 143, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 143, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 143, 162);  
box-shadow:4px 4px 4px 4px rgb(189, 143,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0724, 0.3425, 0.3034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 143, 162) }
```

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

```
.background{ background-color: rgb(189,  
143, 162) }
```

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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