

Converting Colors

Yxy(33.4547, 0.3164, 0.2694)

Have a look what the booklet for
Yxy(33.4547, 0.3164, 0.2694)
contains.

Yxy(33.3290, 0.3165, 0.2689)	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(33.3290, 0.3165, 0.2689)

Conversions

Conversions Part 1

Format	Color
Hex	BC8DBB
RGB	188, 141, 187
RGB Percent	74%, 55%, 73%
CMY	0.2629, 0.4470, 0.2666
CMYK	0.00, 0.25, 0.01, 0.26
HSL	301°, 26%, 65%
HSV	301°, 25%, 74%
XYZ	39.2288, 33.3290, 51.3879
YIQ	160.2970, 13.2460, 24.2700

Conversions

Conversions Part 2

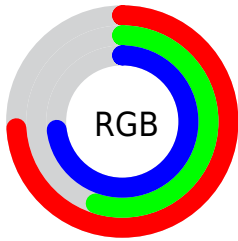
Format	Color
R _{YB}	188, 141, 187
Decimal	12357051
CIE Lab	64.43, 25.61, -17.05
CIE LCh	64, 30.762, 326.343
Yxy	33.3290, 0.3165, 0.2689
Android (android.graphics.Color)	4290547131 (0xFFBC8DBB)
YUV	160.2970, 13.1646, 24.2955
Hunter-Lab	57.7313, 20.2623, -12.3635

Details

The Yxy color **33.3290, 0.3165, 0.2689** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.5690, 0.3087, 0.3975**, and the grayscale version is **35.2318, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.9138, 0.3165, 0.2801**, and **14.1019, 0.3164, 0.2508** is the 20% darker color. If you saturate the color by 10%, you get **28.2326, 0.3181, 0.2451**, and if you desaturate by 10%, it is **39.3691, 0.3149, 0.2932**.

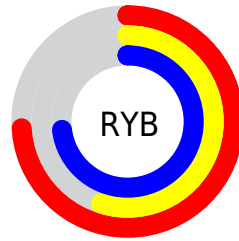
Distribution



Red (74%)

Green (55%)

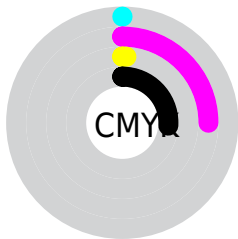
Blue (73%)



Red (74%)

Yellow (55%)

Blue (73%)

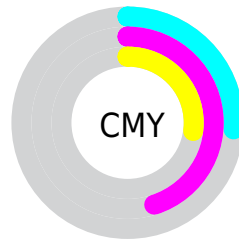


Cyan (0%)

Magenta (25%)

Yellow (1%)

Black (26%)



Cyan (26%)


Magenta (45%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.3290, 0.3165, 0.2689 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 33.3290, 0.3165, 0.2689 by changing the saturation by 10% instead.


 33.3290, 0.3165,
0.2689


 33.3290, 0.3165,
0.2689


317.1296, 0.3151,
0.2991


 22.3786, 0.3167,
0.2613


 64.8888, 0.3161,
0.2799

 14.1354, 0.3168,
0.2516


 86.2671, 0.3159,
0.2840

 8.2149, 0.3168,
0.2386


 111.8900, 0.3158,
0.2875

 4.2327, 0.3163,
0.2206

142.1421, 0.3156,
0.2905

 1.8046, 0.3148,
0.1940

177.4077, 0.3155,
0.2931

 0.4900, 0.3145,
0.1381

218.0712, 0.3153,

 0.0000, 0.0691,

0.2954

0.0000

264.5171, 0.3152,
0.2974

0.0000, 0.0000,
0.0000

33.3290, 0.3165,
0.2689

33.3290, 0.3165,
0.2689

28.2326, 0.3181,
0.2451

39.3691, 0.3149,
0.2932

24.0281, 0.3197,
0.2226

46.3927, 0.3134,
0.3173

20.6653, 0.3212,
0.2024

54.4426, 0.3120,
0.3405


18.0874, 0.3226,
0.1854

63.5577, 0.3107,
0.3625

16.2304, 0.3239,
0.1722


73.7749, 0.3096,
0.3831

 15.0204, 0.3249,
0.1633

 85.1296, 0.3085,
0.4020

 14.3675, 0.3257,
0.1585

 85.9112, 0.3082,
0.4027

 14.1546, 0.3260,
0.1570

 85.9278, 0.3080,
0.4023

 85.9445, 0.3078,
0.4019

Harmonies

Analogous

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



33.3290, 0.2707, 0.2536



33.3290, 0.3165, 0.2689



33.3290, 0.3647, 0.2975

Triad

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



33.3290, 0.3165, 0.2689



33.3290, 0.3897, 0.4031



33.3290, 0.2328, 0.3140

Complementary

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



33.3290, 0.3165, 0.2689



43.5690, 0.3087, 0.3975

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.



33.3290, 0.2605, 0.3619



33.3290, 0.3165, 0.2689



33.3290, 0.3507, 0.4162

Square

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



33.3290, 0.3165, 0.2689



33.3290, 0.4084, 0.3720



33.3290, 0.3033, 0.4017



33.3290, 0.2252, 0.2757

Rectangle

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



33.3290, 0.3165, 0.2689



33.3290, 0.3903, 0.3213



33.3290, 0.3033, 0.4017



33.3290, 0.2399, 0.3297

Sweetspot

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



33.3305, 0.3165, 0.2689



81.2378, 0.3137, 0.3122



28.4171, 0.2711, 0.2592



17.2999, 0.3138, 0.3108



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.



33.3305, 0.3165, 0.2689



55.1284, 0.3174, 0.2556



32.4118, 0.3400, 0.2983



9.6929, 0.3141, 0.3068



9.6423, 0.3260, 0.1569



0.3788, 0.3247, 0.1562

Inverse Universe

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



33.3305, 0.3165, 0.2689



55.1284, 0.3174, 0.2556



44.3436, 0.2920, 0.3619



9.6929, 0.3141, 0.3068



9.6423, 0.3260, 0.1569



0.3788, 0.3247, 0.1562

Previews

White Background



This preview shows how the Yxy color 33.3290, 0.3165, 0.2689 looks on a white background.

Color Contrast Check

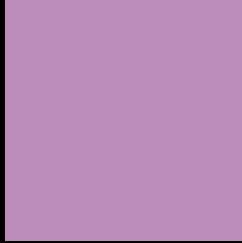
Large Text (above 18pt) WCAG AA × Fail

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 33.3290, 0.3165, 0.2689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

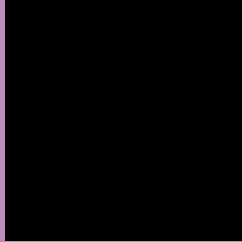
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.3290, 0.3165, 0.2689

Background



This preview shows how black text looks on a background with the Yxy color 33.3290, 0.3165, 0.2689.



This preview shows how white text looks on a background with the Yxy color 33.3290, 0.3165, 0.2689.

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

33.3290, 0.3165, 0.2689

Protanopia

33.5849, 0.2697, 0.2692

Deuteranopia

33.5543, 0.2893, 0.2835



Tritanopia

33.2167, 0.3408, 0.3125

Trichromacy



Original Color

33.3290, 0.3165, 0.2689

Protanomaly

33.2400, 0.2853, 0.2692

Deuteranomaly

33.4751, 0.2986, 0.2779

Tritanomaly

33.1254, 0.3309, 0.2951

Monochromacy



Original Color

33.3290, 0.3165, 0.2689

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.2308, 0.3138, 0.3050

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.3290, 0.3165, 0.2689 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(188, 141, 187)` looks like.

```
.text, #text, p{  
    color:rgb(188, 141, 187)  
}
```

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(188, 141, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 141, 187) }
```

Border

The CSS property to change the border of an element to Yxy 33.3290, 0.3165, 0.2689 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(188, 141, 187) }
```

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

```
.border{ border-color:rgb(188, 141, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 141, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 141, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 141, 187); box-shadow:4px 4px 4px 4px rgb(188, 141, 187) }
```


Background

The CSS property to change the background color of an element to Yxy 33.3290, 0.3165, 0.2689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 141, 187) }
```

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

```
.background{ background-color: rgb(188,  
141, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor