

Converting Colors

Yxy(33.4515, 0.3108, 0.2642)

Have a look what the booklet for
Yxy(33.4515, 0.3108, 0.2642)
contains.

Yxy(33.5467, 0.3107, 0.2651)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(33.5467, 0.3107, 0.2651)

Conversions

Conversions Part 1

Format	Color
Hex	BA8EBF
RGB	186, 142, 191
RGB Percent	73%, 56%, 75%
CMY	0.2707, 0.4430, 0.2511
CMYK	0.03, 0.26, 0.00, 0.25
HSL	294°, 28%, 65%
HSV	294°, 26%, 75%
XYZ	39.3171, 33.5467, 53.6798
YIQ	160.7420, 10.4950, 24.5670

Conversions

Conversions Part 2

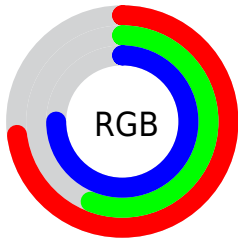
Format	Color
R _Y B	186, 142, 191
Decimal	12226239
CIE Lab	64.60, 25.13, -19.03
CIE LCh	65, 31.522, 322.868
Yxy	33.5467, 0.3107, 0.2651
Android (android.graphics.Color)	4290416319 (0xFFBA8EBF)
YUV	160.7420, 14.9172, 22.1513
Hunter-Lab	57.9195, 19.8107, -14.4063

Details

The Yxy color **33.5467, 0.3107, 0.2651** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.4127, 0.3133, 0.4003**, and the grayscale version is **35.4401, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2499, 0.3121, 0.2771**, and **14.1938, 0.3094, 0.2471** is the 20% darker color. If you saturate the color by 10%, you get **28.0991, 0.3094, 0.2399**, and if you desaturate by 10%, it is **39.9742, 0.3117, 0.2905**.

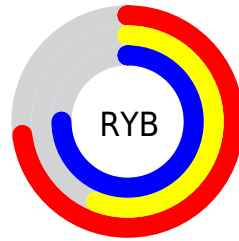
Distribution



Red (73%)

Green (56%)

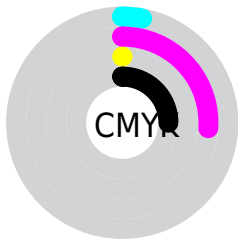
Blue (75%)



Red (73%)

Yellow (56%)

Blue (75%)

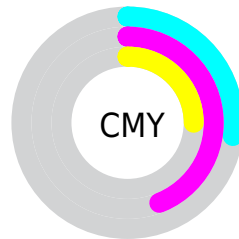


Cyan (3%)

Magenta (26%)

Yellow (0%)

Black (25%)



Cyan (27%)


Magenta (44%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.5467, 0.3107, 0.2651 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 33.5467, 0.3107, 0.2651 by changing the saturation by 10% instead.

 33.5467, 0.3107,
0.2651


 33.5467, 0.3107,
0.2651


318.1060, 0.3124,
0.2971

 22.5456, 0.3101,
0.2571


 65.2281, 0.3115,
0.2767

 14.2583, 0.3091,
0.2469


 86.6772, 0.3117,
0.2811

 8.3006, 0.3076,
0.2333

 112.3778, 0.3119,
0.2848

 4.2879, 0.3050,
0.2145

142.7142, 0.3120,
0.2880

 1.8359, 0.3000,
0.1870

178.0708, 0.3122,
0.2907

 0.5094, 0.2926,
0.1326

218.8320, 0.3122,

 0.0000, 0.0626,

0.2931

0.0000

265.3823, 0.3123,
0.2953

0.0000, 0.0000,
0.0000

33.5467, 0.3107,
0.2651

33.5467, 0.3107,
0.2651

28.0991, 0.3094,
0.2399

39.9742, 0.3117,
0.2905

23.5774, 0.3078,
0.2158

47.4234, 0.3124,
0.3154

19.9291, 0.3059,
0.1937

55.9389, 0.3129,
0.3393

17.0946, 0.3038,
0.1747

65.5613, 0.3132,
0.3617

15.0068, 0.3014,
0.1596

76.3291, 0.3133,
0.3825

■ 13.5879, 0.2989,
0.1487

■ 87.2465, 0.3134,
0.4000

■ 12.7412, 0.2963,
0.1421

■ 87.5137, 0.3147,
0.3997

■ 12.4635, 0.2952,
0.1400

■ 87.7844, 0.3159,
0.3994

■ 88.0586, 0.3171,
0.3992

Harmonies

Analogous

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



33.5467, 0.2651, 0.2513



33.5467, 0.3107, 0.2651



33.5467, 0.3605, 0.2929

Triad

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



33.5467, 0.3107, 0.2651



33.5467, 0.3948, 0.4017



33.5467, 0.2334, 0.3190

Complementary

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



33.5467, 0.3107, 0.2651



45.4127, 0.3133, 0.4003

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.



33.5467, 0.2637, 0.3682



33.5467, 0.3107, 0.2651



33.5467, 0.3567, 0.4180

Square

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



33.5467, 0.3107, 0.2651



33.5467, 0.4110, 0.3685



33.5467, 0.3086, 0.4067



33.5467, 0.2232, 0.2781

Rectangle

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



33.5467, 0.3107, 0.2651



33.5467, 0.3882, 0.3167



33.5467, 0.3086, 0.4067



33.5467, 0.2414, 0.3353

Sweetspot

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



33.5482, 0.3107, 0.2651



81.4535, 0.3123, 0.3093



30.6108, 0.2699, 0.2656



17.4289, 0.3122, 0.3055



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



33.5482, 0.3107, 0.2651



54.1749, 0.3100, 0.2503



33.4137, 0.3342, 0.2891



9.6453, 0.3122, 0.3063



8.2134, 0.2955, 0.1402



0.3362, 0.3020, 0.1437

Inverse Universe

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



32.5349, 0.3609, 0.3223



52.0755, 0.3761, 0.3207



45.5707, 0.2960, 0.3727



9.5518, 0.3273, 0.3267



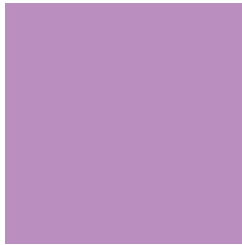
7.3173, 0.6264, 0.3224



0.2920, 0.5827, 0.2984

Previews

White Background



This preview shows how the Yxy color 33.5467, 0.3107, 0.2651 looks on a white background.

Color Contrast Check

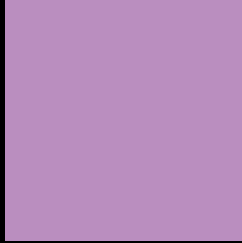
Large Text (above 18pt) WCAG AA × Fail

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 33.5467, 0.3107, 0.2651 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 33.5467, 0.3107, 0.2651

Background



This preview shows how black text looks on a background with the Yxy color 33.5467, 0.3107, 0.2651.



This preview shows how white text looks on a background with the Yxy color 33.5467, 0.3107, 0.2651.

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

33.5467, 0.3107, 0.2651

Protanopia

33.6326, 0.2667, 0.2652

Deuteranopia

33.5245, 0.2843, 0.2779



Tritanopia

33.5068, 0.3362, 0.3138

Trichromacy



Original Color

33.5467, 0.3107, 0.2651

Protanomaly

33.3175, 0.2812, 0.2640

Deuteranomaly

33.4281, 0.2933, 0.2725

Tritanomaly

33.5653, 0.3266, 0.2950

Monochromacy



Original Color

33.5467, 0.3107, 0.2651

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.6358, 0.3120, 0.3037

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5467, 0.3107, 0.2651 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(186, 142, 191)` looks like.

```
.text, #text, p{  
    color:rgb(186, 142, 191)  
}
```

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(186, 142, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 142, 191) }
```

Border

The CSS property to change the border of an element to Yxy 33.5467, 0.3107, 0.2651 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(186, 142, 191) }
```

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

```
.border{ border-color:rgb(186, 142, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 142, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 142, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 142, 191);  
box-shadow:4px 4px 4px 4px rgb(186, 142,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5467, 0.3107, 0.2651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 142, 191) }
```

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

```
.background{ background-color: rgb(186,  
142, 191) }
```

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