

Converting Colors

Yxy(39.9933, 0.3142, 0.2965)

Have a look what the booklet for
Yxy(39.9933, 0.3142, 0.2965)
contains.

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Color

Yxy(39.9933, 0.3142, 0.2965)

Conversions

Conversions Part 1

Format	Color
Hex	BBA2BB
RGB	187, 162, 187
RGB Percent	73%, 64%, 73%
CMY	0.2668, 0.3647, 0.2666
CMYK	0.00, 0.13, 0.00, 0.27
HSL	300°, 16%, 68%
HSV	300°, 13%, 73%
XYZ	42.3808, 39.9933, 52.5106
YIQ	172.3250, 6.8750, 13.0750

Conversions

Conversions Part 2

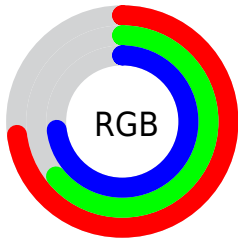
Format	Color
R _Y B	187, 162, 187
Decimal	12296891
CIE Lab	69.46, 13.60, -9.49
CIE LCh	69, 16.585, 325.105
Yxy	39.9933, 0.3142, 0.2965
Android (android.graphics.Color)	4290486971 (0xFFBBA2BB)
YUV	172.3250, 7.2348, 12.8700
Hunter-Lab	63.2403, 8.9522, -4.9624

Details

The Yxy color **39.9933, 0.3142, 0.2965** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **45.8456, 0.3111, 0.3638**, and the grayscale version is **41.3883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1515, 0.3140, 0.3027**, and **17.9414, 0.3147, 0.2865** is the 20% darker color. If you saturate the color by 10%, you get **33.8842, 0.3153, 0.2717**, and if you desaturate by 10%, it is **47.0858, 0.3131, 0.3209**.

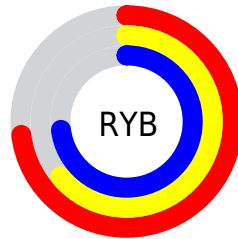
Distribution



Red (73%)

Green (64%)

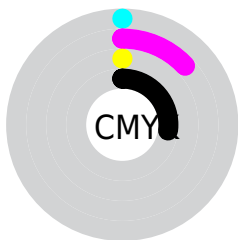
Blue (73%)



Red (73%)

Yellow (64%)

Blue (73%)

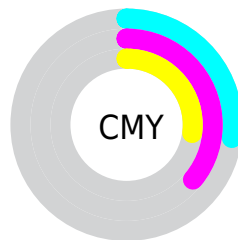


Cyan (0%)

Magenta (13%)

Yellow (0%)

Black (27%)



Cyan (27%)


Magenta (36%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9933, 0.3142, 0.2965 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 39.9933, 0.3142, 0.2965 by changing the saturation by 10% instead.


 39.9933, 0.3142,
0.2965


 39.9933, 0.3142,
0.2965


346.0953, 0.3136,
0.3128

 27.5333, 0.3143,
0.2924


 75.1533, 0.3140,
0.3024

 17.9742, 0.3144,
0.2872

 98.6221, 0.3139,
0.3046

 10.9314, 0.3145,
0.2802


126.5294, 0.3139,
0.3065

 6.0208, 0.3145,
0.2705

159.2594, 0.3138,
0.3081

 2.8577, 0.3143,
0.2560

197.1966, 0.3138,
0.3095

 1.0579, 0.3133,
0.2321


240.7254, 0.3137,


 0.0000, 0.3153,


0.3107


0.0000

290.2302, 0.3137,
0.3118


 0.0000, 0.0000,
0.0000


 39.9933, 0.3142,
0.2965


 39.9933, 0.3142,
0.2965


 33.8842, 0.3153,
0.2717


 47.0858, 0.3131,
0.3209


 28.7101, 0.3164,
0.2474


 55.1969, 0.3120,
0.3445

 24.4266, 0.3175,
0.2243

 64.3665, 0.3110,
0.3667

 20.9833, 0.3184,
0.2034

 74.6308, 0.3100,
0.3874

 18.3249, 0.3192,
0.1856

 85.6914, 0.3092,
0.4060

■ 16.3898, 0.3198,
0.1716

■ 85.6955, 0.3092,
0.4060

■ 15.1066, 0.3202,
0.1618

■ 85.6997, 0.3092,
0.4060

■ 14.3901, 0.3204,
0.1561

■ 85.7038, 0.3092,
0.4060

■ 14.1148, 0.3205,
0.1539

■ 85.7080, 0.3093,
0.4060

Harmonies

Analogous

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



39.9933, 0.2905, 0.2888



39.9933, 0.3142, 0.2965



39.9933, 0.3383, 0.3120

Triad

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



39.9933, 0.3142, 0.2965



39.9933, 0.3530, 0.3672



39.9933, 0.2714, 0.3235

Complementary

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



39.9933, 0.3142, 0.2965



45.8456, 0.3111, 0.3638

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.



39.9933, 0.2870, 0.3465



39.9933, 0.3142, 0.2965



39.9933, 0.3340, 0.3723

Square

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



39.9933, 0.3142, 0.2965



39.9933, 0.3612, 0.3521



39.9933, 0.3098, 0.3649



39.9933, 0.2665, 0.3032

Rectangle

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



39.9933, 0.3142, 0.2965



39.9933, 0.3511, 0.3251



39.9933, 0.3098, 0.3649



39.9933, 0.2755, 0.3312

Sweetspot

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



39.9950, 0.3142, 0.2965



83.3733, 0.3132, 0.3193



37.2628, 0.2917, 0.2948



18.1366, 0.3132, 0.3174



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.



39.9950, 0.3142, 0.2965



68.2790, 0.3145, 0.2894



39.5043, 0.3250, 0.3120



9.6954, 0.3137, 0.3064



9.7231, 0.3205, 0.1539



0.3811, 0.3206, 0.1540

Inverse Universe

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



39.0224, 0.3368, 0.3290



66.2037, 0.3430, 0.3290



46.2918, 0.3020, 0.3467



9.5366, 0.3288, 0.3290



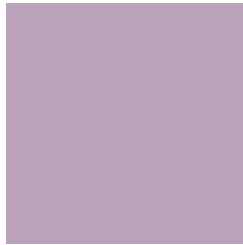
7.2799, 0.6398, 0.3298



0.2853, 0.6390, 0.3294

Previews

White Background



This preview shows how the Yxy color 39.9933, 0.3142, 0.2965 looks on a white background.

Color Contrast Check

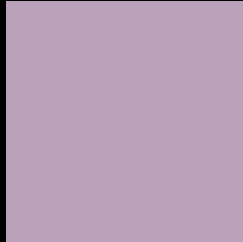
Large Text (above 18pt) WCAG AA × Fail

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 39.9933, 0.3142, 0.2965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

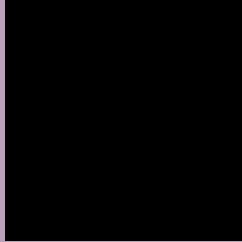
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9933, 0.3142, 0.2965

Background



This preview shows how black text looks on a background with the Yxy color 39.9933, 0.3142, 0.2965.



This preview shows how white text looks on a background with the Yxy color 39.9933, 0.3142, 0.2965.

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

39.9933, 0.3142, 0.2965

Protanopia

40.2445, 0.2922, 0.2991

Deuteranopia

40.0391, 0.3076, 0.3011



Tritanopia

40.0395, 0.3210, 0.3118

Trichromacy



Original Color

39.9933, 0.3142, 0.2965

Protanomaly

39.9888, 0.2999, 0.2969

Deuteranomaly

40.0412, 0.3104, 0.3000

Tritanomaly

39.9697, 0.3185, 0.3054

Monochromacy



Original Color

39.9933, 0.3142, 0.2965

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.5267, 0.3133, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9933, 0.3142, 0.2965 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(187, 162, 187)` looks like.

```
.text, #text, p{  
    color:rgb(187, 162, 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(187, 162, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 162, 187) }
```

Border

The CSS property to change the border of an element to Yxy 39.9933, 0.3142, 0.2965 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(187, 162, 187) }
```

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

```
.border{ border-color:rgb(187, 162, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 162, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 162, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 162, 187);  
box-shadow:4px 4px 4px 4px rgb(187, 162,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9933, 0.3142, 0.2965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 162, 187) }
```

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

```
.background{ background-color: rgb(187,  
162, 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](#).

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