

Converting Colors

$Yxy(39.9082, 0.3160, 0.2990)$

Have a look what the booklet for
Yxy(39.9082, 0.3160, 0.2990)
contains.

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Color

Yxy(39.9082, 0.3160, 0.2990)

Conversions

Conversions Part 1

Format	Color
Hex	BBA2B9
RGB	187, 162, 185
RGB Percent	73%, 64%, 73%
CMY	0.2665, 0.3647, 0.2745
CMYK	0.00, 0.13, 0.01, 0.27
HSL	305°, 16%, 68%
HSV	305°, 13%, 73%
XYZ	42.1772, 39.9082, 51.3868
YIQ	172.0970, 7.5170, 12.4530

Conversions

Conversions Part 2

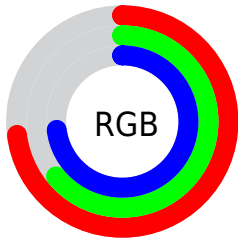
Format	Color
R _Y B	187, 162, 185
Decimal	12296889
CIE Lab	69.40, 13.25, -8.47
CIE LCh	69, 15.725, 327.429
Yxy	39.9082, 0.3160, 0.2990
Android (android.graphics.Color)	4290486969 (0xFFBBA2B9)
YUV	172.0970, 6.3612, 13.0699
Hunter-Lab	63.1729, 8.6224, -4.0073

Details

The Yxy color **39.9082, 0.3160, 0.2990** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.9146, 0.3096, 0.3610**, and the grayscale version is **41.2735, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0313, 0.3153, 0.3046**, and **17.8861, 0.3172, 0.2898** is the 20% darker color. If you saturate the color by 10%, you get **33.7406, 0.3188, 0.2760**, and if you desaturate by 10%, it is **47.0599, 0.3135, 0.3216**.

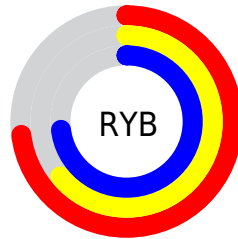
Distribution



Red (73%)

Green (64%)

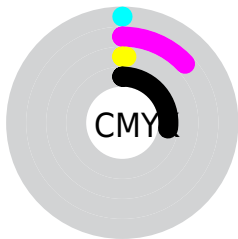
Blue (73%)



Red (73%)

Yellow (64%)

Blue (73%)

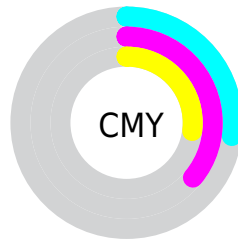


Cyan (0%)

Magenta (13%)

Yellow (1%)

Black (27%)



Cyan (27%)


Magenta (36%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9082, 0.3160, 0.2990 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 39.9082, 0.3160, 0.2990 by changing the saturation by 10% instead.

 39.9082, 0.3160,
0.2990


 39.9082, 0.3160,
0.2990


345.7365, 0.3145,
0.3141

 27.4670, 0.3163,
0.2952


 75.0237, 0.3155,
0.3045

 17.9242, 0.3168,
0.2904


 98.4668, 0.3153,
0.3065

 10.8956, 0.3173,
0.2839


126.3459, 0.3151,
0.3083

 5.9967, 0.3180,
0.2748

159.0455, 0.3149,
0.3098

 2.8431, 0.3188,
0.2612

196.9500, 0.3148,
0.3110

 1.0504, 0.3196,
0.2387

240.4437, 0.3147,


 0.0000, 0.3340,


0.3122

0.0000


289.9111, 0.3146,
0.3132

 0.0000, 0.0000,
0.0000

 39.9082, 0.3160,
0.2990


 39.9082, 0.3160,
0.2990


 33.7406, 0.3188,
0.2760


 47.0599, 0.3135,
0.3216


 28.5089, 0.3218,
0.2532


 55.2309, 0.3113,
0.3432


 24.1683, 0.3249,
0.2314

 64.4611, 0.3093,
0.3636

 20.6686, 0.3282,
0.2116

 74.7868, 0.3076,
0.3825

 17.9547, 0.3315,
0.1946

 85.9184, 0.3061,
0.3995

■ 15.9645, 0.3348,
0.1814

■ 85.9857, 0.3053,
0.3978

■ 14.6270, 0.3378,
0.1723

■ 86.0537, 0.3045,
0.3960

■ 13.8567, 0.3405,
0.1675

■ 86.1224, 0.3037,
0.3942

■ 13.5463, 0.3422,
0.1659

■ 86.1918, 0.3029,
0.3925

Harmonies

Analogous

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



39.9082, 0.2932, 0.2910



39.9082, 0.3160, 0.2990



39.9082, 0.3386, 0.3143

Triad

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



39.9082, 0.3160, 0.2990



39.9082, 0.3499, 0.3660



39.9082, 0.2727, 0.3222

Complementary

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



39.9082, 0.3160, 0.2990



45.9146, 0.3096, 0.3610

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.



39.9082, 0.2868, 0.3440



39.9082, 0.3160, 0.2990



39.9082, 0.3313, 0.3699

Square

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



39.9082, 0.3160, 0.2990



39.9082, 0.3585, 0.3524



39.9082, 0.3082, 0.3619



39.9082, 0.2689, 0.3034

Rectangle

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



39.9082, 0.3160, 0.2990



39.9082, 0.3503, 0.3269



39.9082, 0.3082, 0.3619



39.9082, 0.2764, 0.3294

Sweetspot

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



39.9099, 0.3160, 0.2990



83.3295, 0.3137, 0.3201



37.2836, 0.2931, 0.2943



18.1251, 0.3138, 0.3184



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.



39.9099, 0.3160, 0.2990



68.1049, 0.3168, 0.2924



39.4175, 0.3269, 0.3147



9.6827, 0.3150, 0.3082



9.3352, 0.3420, 0.1657



0.3696, 0.3364, 0.1627

Inverse Universe

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



39.9099, 0.3160, 0.2990



68.1049, 0.3168, 0.2924



46.3757, 0.3005, 0.3438



9.6827, 0.3150, 0.3082



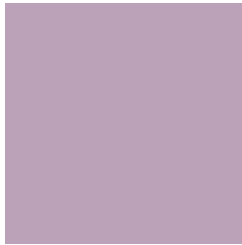
9.3352, 0.3420, 0.1657



0.3696, 0.3364, 0.1627

Previews

White Background



This preview shows how the Yxy color 39.9082, 0.3160, 0.2990 looks on a white background.

Color Contrast Check

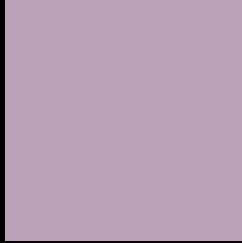
Large Text (above 18pt) WCAG AA × Fail

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 39.9082, 0.3160, 0.2990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

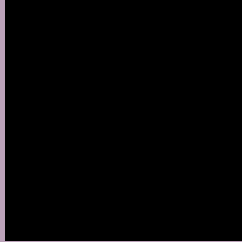
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9082, 0.3160, 0.2990

Background



This preview shows how black text looks on a background with the Yxy color 39.9082, 0.3160, 0.2990.



This preview shows how white text looks on a background with the Yxy color 39.9082, 0.3160, 0.2990.

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

39.9082, 0.3160, 0.2990

Protanopia

39.8949, 0.2946, 0.3004

Deuteranopia

39.9547, 0.3093, 0.3037



Tritanopia

39.7681, 0.3229, 0.3118

Trichromacy



Original Color

39.9082, 0.3160, 0.2990

Protanomaly

39.9019, 0.3015, 0.2995

Deuteranomaly

39.9567, 0.3121, 0.3026

Tritanomaly

39.8882, 0.3203, 0.3079

Monochromacy



Original Color

39.9082, 0.3160, 0.2990

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 39.9082, 0.3160, 0.2990 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(187, 162, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 162, 185) }
```

Border

The CSS property to change the border of an element to Yxy 39.9082, 0.3160, 0.2990 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, 185) }
```

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

```
.border{ border-color:rgb(187, 162, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 162, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 162, 185);  
box-shadow:4px 4px 4px 4px rgb(187, 162,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9082, 0.3160, 0.2990 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, 185) }
```

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

```
.background{ background-color: rgb(187,  
162, 185) }
```

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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