

Converting Colors

$Yxy(39.0287, 0.3143, 0.2849)$

Have a look what the booklet for
Yxy(39.0287, 0.3143, 0.2849)
contains.

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Color

Yxy(38.9961, 0.3139, 0.2843)

Conversions

Conversions Part 1

Format	Color
Hex	BF9DC0
RGB	191, 157, 192
RGB Percent	75%, 62%, 75%
CMY	0.2510, 0.3843, 0.2471
CMYK	0.01, 0.18, 0.00, 0.25
HSL	298°, 22%, 68%
HSV	298°, 18%, 75%
XYZ	43.0562, 38.9961, 55.1130
YIQ	171.1560, 9.0290, 18.0930

Conversions

Conversions Part 2

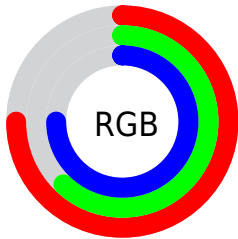
Format	Color
R _Y B	191, 157, 192
Decimal	12557760
CIE Lab	68.75, 18.71, -13.27
CIE LCh	69, 22.939, 324.648
Yxy	38.9961, 0.3139, 0.2843
Android (android.graphics.Color)	4290747840 (0xFFBF9DC0)
YUV	171.1560, 10.2761, 17.4032
Hunter-Lab	62.4469, 13.7911, -8.6141

Details

The Yxy color **38.9961, 0.3139, 0.2843** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.3904, 0.3112, 0.3779**, and the grayscale version is **40.7519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8207, 0.3144, 0.2931**, and **17.2565, 0.3141, 0.2716** is the 20% darker color. If you saturate the color by 10%, you get **32.9349, 0.3145, 0.2594**, and if you desaturate by 10%, it is **46.0816, 0.3133, 0.3091**.

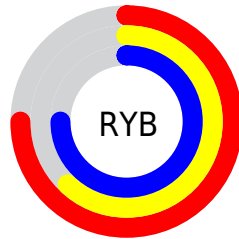
Distribution



Red (75%)

Green (62%)

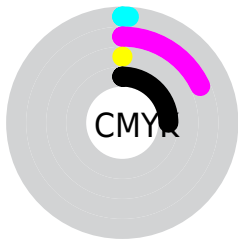
Blue (75%)



Red (75%)

Yellow (62%)

Blue (75%)

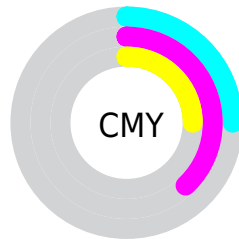


Cyan (1%)

Magenta (18%)

Yellow (0%)

Black (25%)



Cyan (25%)


Magenta (38%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.9961, 0.3139, 0.2843 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 38.9961, 0.3139, 0.2843 by changing the saturation by 10% instead.


 38.9961, 0.3139,
0.2843


 38.9961, 0.3139,
0.2843


341.8739, 0.3136,
0.3065

 26.7567, 0.3139,
0.2788


 73.6324, 0.3139,
0.2924

 17.3906, 0.3138,
0.2717


 96.7980, 0.3138,
0.2954

 10.5134, 0.3136,
0.2624


124.3745, 0.3138,
0.2980

 5.7406, 0.3131,
0.2495

156.7463, 0.3138,
0.3002

 2.6880, 0.3119,
0.2305

194.2977, 0.3137,
0.3021

 0.9711, 0.3089,
0.2001

237.4132, 0.3137,

 0.0000, 0.2949,

0.3037

0.0000

286.4771, 0.3136,
0.3052

■ 0.0000, 0.0000,
0.0000

■ 38.9961, 0.3139,
0.2843

■ 38.9961, 0.3139,
0.2843

■ 32.9349, 0.3145,
0.2594

■ 46.0816, 0.3133,
0.3091

■ 27.8454, 0.3149,
0.2352

■ 54.2307, 0.3126,
0.3332

■ 23.6779, 0.3152,
0.2126

■ 63.4870, 0.3119,
0.3561

■ 20.3766, 0.3154,
0.1927

■ 73.8900, 0.3112,
0.3776

■ 17.8791, 0.3153,
0.1761

■ 85.4773, 0.3105,
0.3974

■ 16.1153, 0.3151,
0.1637

■ 86.8209, 0.3108,
0.3993

■ 15.0026, 0.3147,
0.1554

■ 86.8916, 0.3111,
0.3992

■ 14.4118, 0.3141,
0.1510

■ 86.9626, 0.3114,
0.3991

■ 14.3255, 0.3140,
0.1503

■ 87.0338, 0.3117,
0.3991

Harmonies

Analogous

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



38.9961, 0.2813, 0.2738



38.9961, 0.3139, 0.2843



38.9961, 0.3479, 0.3051

Triad

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



38.9961, 0.3139, 0.2843



38.9961, 0.3690, 0.3815



38.9961, 0.2559, 0.3211

Complementary

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



38.9961, 0.3139, 0.2843



47.3904, 0.3112, 0.3779

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.



38.9961, 0.2772, 0.3540



38.9961, 0.3139, 0.2843



38.9961, 0.3424, 0.3900

Square

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



38.9961, 0.3139, 0.2843



38.9961, 0.3806, 0.3597



38.9961, 0.3087, 0.3802



38.9961, 0.2492, 0.2930

Rectangle

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



38.9961, 0.3139, 0.2843



38.9961, 0.3661, 0.3227



38.9961, 0.3087, 0.3802



38.9961, 0.2615, 0.3321

Sweetspot

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



38.9978, 0.3139, 0.2843



87.9406, 0.3131, 0.3168



35.4856, 0.2832, 0.2817



18.6484, 0.3131, 0.3151



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.



38.9978, 0.3139, 0.2843



65.9161, 0.3141, 0.2740



38.4403, 0.3297, 0.3047



10.2328, 0.3133, 0.3063



9.6480, 0.3141, 0.1504



0.4214, 0.3157, 0.1513

Inverse Universe

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



37.7871, 0.3467, 0.3278



63.3067, 0.3565, 0.3275



47.8876, 0.2986, 0.3546



10.0823, 0.3285, 0.3284



7.5505, 0.6366, 0.3281



0.3278, 0.6240, 0.3211

Previews

White Background



This preview shows how the Yxy color 38.9961, 0.3139, 0.2843 looks on a white background.

Color Contrast Check

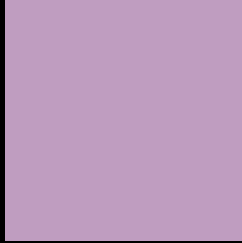
Large Text (above 18pt) WCAG AA × Fail

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 38.9961, 0.3139, 0.2843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

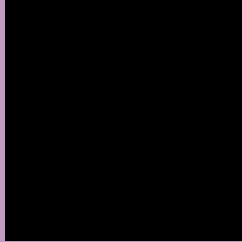
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9961, 0.3139, 0.2843

Background



This preview shows how black text looks on a background with the Yxy color 38.9961, 0.3139, 0.2843.



This preview shows how white text looks on a background with the Yxy color 38.9961, 0.3139, 0.2843.

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

38.9961, 0.3139, 0.2843

Protanopia

39.0310, 0.2834, 0.2856

Deuteranopia

39.1967, 0.2982, 0.2928



Tritanopia

38.8501, 0.3279, 0.3118

Trichromacy



Original Color

38.9961, 0.3139, 0.2843

Protanomaly

39.0641, 0.2941, 0.2851

Deuteranomaly

38.9546, 0.3044, 0.2895

Tritanomaly

38.9104, 0.3226, 0.3016

Monochromacy



Original Color

38.9961, 0.3139, 0.2843

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.9921, 0.3126, 0.3115

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9961, 0.3139, 0.2843 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(191, 157, 192)` looks like.

```
.text, #text, p{  
    color:rgb(191, 157, 192)  
}
```

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(191, 157, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 157, 192) }
```

Border

The CSS property to change the border of an element to Yxy 38.9961, 0.3139, 0.2843 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(191, 157, 192) }
```

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

```
.border{ border-color:rgb(191, 157, 192) }
```

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

Here you see how a box with a 4 pixel rgb(191, 157, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 157, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 157, 192);  
box-shadow:4px 4px 4px 4px rgb(191, 157,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9961, 0.3139, 0.2843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 157, 192) }
```

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

```
.background{ background-color: rgb(191,  
157, 192) }
```

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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