

Converting Colors

$Y_{xy}(39.0513, 0.3250, 0.2821)$

Have a look what the booklet for
Yxy(39.0513, 0.3250, 0.2821)
contains.

Yxy(38.9616, 0.3246, 0.2817)	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(38.9616, 0.3246, 0.2817)

Conversions

Conversions Part 1

Format	Color
Hex	C999BF
RGB	201, 153, 191
RGB Percent	79%, 60%, 75%
CMY	0.2115, 0.4001, 0.2509
CMYK	0.00, 0.24, 0.05, 0.21
HSL	313°, 31%, 69%
HSV	313°, 24%, 79%
XYZ	44.8950, 38.9616, 54.4522
YIQ	171.6840, 16.4100, 21.9940

Conversions

Conversions Part 2

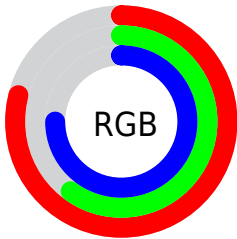
Format	Color
R _Y B	201, 153, 191
Decimal	13212095
CIE Lab	68.72, 24.21, -12.68
CIE LCh	69, 27.325, 332.362
Yxy	38.9616, 0.3246, 0.2817
Android (android.graphics.Color)	4291402175 (0xFFC999BF)
YUV	171.6840, 9.5228, 25.7101
Hunter-Lab	62.4192, 19.1525, -8.0289

Details

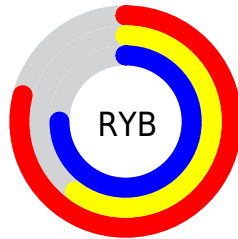
The Yxy color $38.9616, 0.3246, 0.2817$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $51.2155, 0.3027, 0.3815$, and the grayscale version is $41.0345, 0.3127, 0.3290$.

A 20% lighter version of the original color is $73.0872, 0.3204, 0.2906$, and $17.2533, 0.3265, 0.2670$ is the 20% darker color. If you saturate the color by 10%, you get $32.7458, 0.3308, 0.2615$, and if you desaturate by 10%, it is $46.2950, 0.3191, 0.3019$.

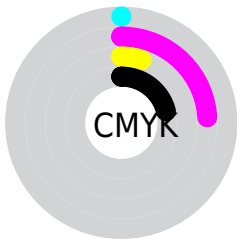
Distribution



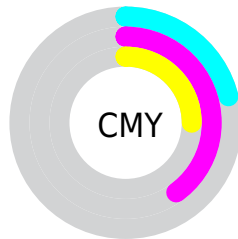
- Red (79%)
- Green (60%)
- Blue (75%)



- Red (79%)
- Yellow (60%)
- Blue (75%)



- Cyan (0%)
- Magenta (24%)
- Yellow (5%)
- Black (21%)





- Cyan (21%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9616, 0.3246, 0.2817 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 38.9616, 0.3246, 0.2817 by changing the saturation by 10% instead.

 38.9616, 0.3246,
0.2817


 38.9616, 0.3246,
0.2817


341.7272, 0.3189,
0.3051

 26.7299, 0.3259,
0.2759


 73.5797, 0.3226,
0.2902

 17.3704, 0.3276,
0.2686


 96.7348, 0.3218,
0.2934

 10.4990, 0.3298,
0.2588

124.2998, 0.3211,
0.2961

 5.7310, 0.3327,
0.2454

156.6591, 0.3206,
0.2984

 2.6822, 0.3366,
0.2259

194.1971, 0.3201,
0.3004

 0.9682, 0.3421,
0.1948

237.2982, 0.3196,

 0.0000, 0.3841,

0.3022

0.0000

286.3467, 0.3192,
0.3037

■ 0.0000, 0.0000,
0.0000

■ 38.9616, 0.3246,
0.2817

■ 38.9616, 0.3246,
0.2817

■ 32.7458, 0.3308,
0.2615

■ 46.2950, 0.3191,
0.3019

■ 27.5868, 0.3377,
0.2421

■ 54.7925, 0.3144,
0.3215

■ 23.4260, 0.3453,
0.2243


■ 64.5043, 0.3103,
0.3403

■ 20.1968, 0.3533,
0.2091


■ 75.4761, 0.3069,
0.3579

■ 17.8247, 0.3615,
0.1976


■ 87.7512, 0.3039,
0.3742

 16.2236, 0.3698,
0.1905


 88.9144, 0.3016,
0.3710

 15.2892, 0.3777,
0.1879

 89.1347, 0.2993,
0.3663

 14.9307, 0.3824,
0.1880

 89.3606, 0.2971,
0.3616

 89.5921, 0.2948,
0.3570

Harmonies

Analogous

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



38.9616, 0.2844, 0.2659



38.9616, 0.3246, 0.2817



38.9616, 0.3638, 0.3083

Triad

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



38.9616, 0.3246, 0.2817



38.9616, 0.3727, 0.3957



38.9616, 0.2418, 0.3095

Complementary

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



38.9616, 0.3246, 0.2817



51.2155, 0.3027, 0.3815

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.



38.9616, 0.2626, 0.3488



38.9616, 0.3246, 0.2817



38.9616, 0.3376, 0.4015

Square

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



38.9616, 0.3246, 0.2817



38.9616, 0.3921, 0.3724



38.9616, 0.2972, 0.3842



38.9616, 0.2388, 0.2794

Rectangle

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



38.9616, 0.3246, 0.2817



38.9616, 0.3829, 0.3296



38.9616, 0.2972, 0.3842



38.9616, 0.2469, 0.3221

Sweetspot

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



38.9633, 0.3246, 0.2817



88.8974, 0.3158, 0.3154



34.7392, 0.2805, 0.2637



18.8332, 0.3161, 0.3142



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



38.9633, 0.3246, 0.2817



60.5928, 0.3279, 0.2706



38.0060, 0.3474, 0.3106



10.7772, 0.3169, 0.3109



9.3956, 0.3814, 0.1874



0.4547, 0.3664, 0.1792

Inverse Universe

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



38.9633, 0.3246, 0.2817



60.5928, 0.3279, 0.2706



52.1425, 0.2870, 0.3483



10.7772, 0.3169, 0.3109



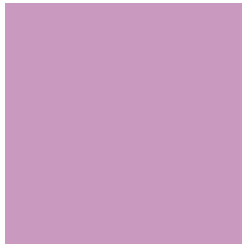
9.3956, 0.3814, 0.1874



0.4547, 0.3664, 0.1792

Previews

White Background



This preview shows how the Yxy color 38.9616, 0.3246, 0.2817 looks on a white background.

Color Contrast Check

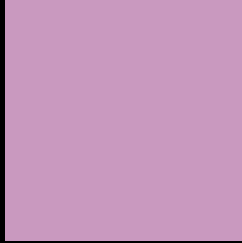
Large Text (above 18pt) WCAG AA × Fail

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 38.9616, 0.3246, 0.2817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

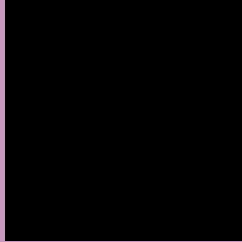
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9616, 0.3246, 0.2817

Background



This preview shows how black text looks on a background with the Yxy color 38.9616, 0.3246, 0.2817.



This preview shows how white text looks on a background with the Yxy color 38.9616, 0.3246, 0.2817.

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

38.9616, 0.3246, 0.2817

Protanopia

39.0196, 0.2810, 0.2829

Deuteranopia

39.2237, 0.3007, 0.2955



Tritanopia

38.9843, 0.3419, 0.3136

Trichromacy



Original Color

38.9616, 0.3246, 0.2817

Protanomaly

38.7511, 0.2959, 0.2815

Deuteranomaly

39.0497, 0.3090, 0.2898

Tritanomaly

39.0934, 0.3354, 0.3023

Monochromacy



Original Color

38.9616, 0.3246, 0.2817

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.2322, 0.3173, 0.3104

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9616, 0.3246, 0.2817 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(201, 153, 191)` looks like.

```
.text, #text, p{  
    color:rgb(201, 153, 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(201, 153, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 153, 191) }
```

Border

The CSS property to change the border of an element to Yxy 38.9616, 0.3246, 0.2817 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(201, 153, 191) }
```

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

```
.border{ border-color:rgb(201, 153, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 153, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 153, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 153, 191);  
box-shadow:4px 4px 4px 4px rgb(201, 153,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9616, 0.3246, 0.2817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 153, 191) }
```

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

```
.background{ background-color: rgb(201,  
153, 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