

Converting Colors

$Yxy(39.4605, 0.3160, 0.2734)$

Have a look what the booklet for
Yxy(39.4605, 0.3160, 0.2734)
contains.

Yxy(39.5141, 0.3163, 0.2735)	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(39.5141, 0.3163, 0.2735)

Conversions

Conversions Part 1

Format	Color
Hex	C89AC7
RGB	200, 154, 199
RGB Percent	78%, 60%, 78%
CMY	0.2154, 0.3962, 0.2195
CMYK	0.00, 0.23, 0.01, 0.22
HSL	301°, 30%, 69%
HSV	301°, 23%, 78%
XYZ	45.6977, 39.5141, 59.2639
YIQ	172.8840, 12.9710, 23.7470

Conversions

Conversions Part 2

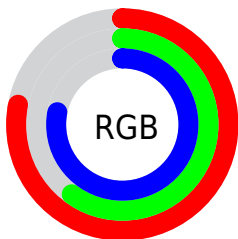
Format	Color
RYB	200, 154, 199
Decimal	13146823
CIELab	69.12, 24.80, -16.53
CIElCh	69, 29.803, 326.306
Yxy	39.5141, 0.3163, 0.2735
Android (android.graphics.Color)	4291336903 (0xFFC89AC7)
YUV	172.8840, 12.8752, 23.7807
Hunter-Lab	62.8602, 19.7591, -11.8958

Details

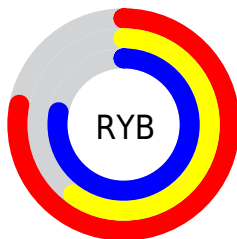
The Yxy color **39.5141, 0.3163, 0.2735** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.5718, 0.3090, 0.3916**, and the grayscale version is **41.6583, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0809, 0.3148, 0.2841**, and **17.5668, 0.3161, 0.2578** is the 20% darker color. If you saturate the color by 10%, you get **33.4334, 0.3180, 0.2495**, and if you desaturate by 10%, it is **46.6988, 0.3147, 0.2979**.

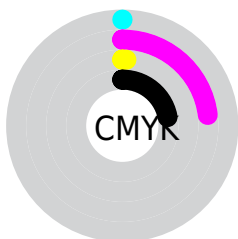
Distribution



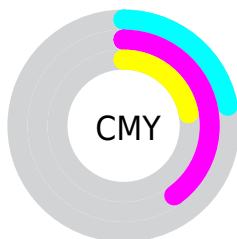
- Red (78%)
- Green (60%)
- Blue (78%)



- Red (78%)
- Yellow (60%)
- Blue (78%)



- Cyan (0%)
- Magenta (23%)
- Yellow (1%)
- Black (22%)





- Cyan (22%)
- Magenta (40%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5141, 0.3163, 0.2735 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 39.5141, 0.3163, 0.2735 by changing the saturation by 10% instead.


 39.5141, 0.3163,
0.2735


 39.5141, 0.3163,
0.2735


344.0713, 0.3150,
0.3008

 27.1599, 0.3165,
0.2669


 74.4230, 0.3159,
0.2833

 17.6933, 0.3167,
0.2584

 97.7466, 0.3157,
0.2870

 10.7301, 0.3167,
0.2474


125.4953, 0.3156,
0.2901

 5.8856, 0.3166,
0.2324

158.0537, 0.3154,
0.2929

 2.7757, 0.3158,
0.2108

195.8061, 0.3153,
0.2952

 1.0158, 0.3130,
0.1774

239.1369, 0.3152,


 0.0000, 0.3276,


0.2973

0.0000


288.4305, 0.3151,
0.2991


 0.0000, 0.0000,
0.0000


 39.5141, 0.3163,
0.2735

 39.5141, 0.3163,
0.2735


 33.4334, 0.3180,
0.2495


 46.6988, 0.3147,
0.2979

 28.3971, 0.3196,
0.2266


 55.0330, 0.3132,
0.3219


 24.3477, 0.3212,
0.2059

 64.5661, 0.3117,
0.3449

 21.2201, 0.3227,
0.1882

 75.3430, 0.3104,
0.3667

 18.9416, 0.3241,
0.1744

 87.4062, 0.3093,
0.3870

■ 17.4283, 0.3252,
0.1647

■ 88.0593, 0.3090,
0.3874

■ 16.5794, 0.3261,
0.1593

■ 88.0806, 0.3087,
0.3869

■ 16.2528, 0.3267,
0.1573

■ 88.1021, 0.3085,
0.3864

■ 88.1236, 0.3082,
0.3859

Harmonies

Analogous

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



39.5141, 0.2741, 0.2594



39.5141, 0.3163, 0.2735



39.5141, 0.3603, 0.3000

Triad

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



39.5141, 0.3163, 0.2735



39.5141, 0.3835, 0.3972



39.5141, 0.2392, 0.3157

Complementary

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



39.5141, 0.3163, 0.2735



50.5718, 0.3090, 0.3916

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.



39.5141, 0.2649, 0.3592



39.5141, 0.3163, 0.2735



39.5141, 0.3479, 0.4086

Square

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



39.5141, 0.3163, 0.2735



39.5141, 0.4003, 0.3690



39.5141, 0.3044, 0.3951



39.5141, 0.2320, 0.2804

Rectangle

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



39.5141, 0.3163, 0.2735



39.5141, 0.3836, 0.3222



39.5141, 0.3044, 0.3951



39.5141, 0.2458, 0.3299

Sweetspot

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



39.5158, 0.3163, 0.2735



89.1094, 0.3138, 0.3122



34.2198, 0.2746, 0.2651



18.8825, 0.3139, 0.3107



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.



39.5158, 0.3163, 0.2735



62.4917, 0.3172, 0.2605



38.5358, 0.3375, 0.3007



10.8123, 0.3141, 0.3067



10.3289, 0.3266, 0.1573



0.4904, 0.3253, 0.1566

Inverse Universe

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



39.5158, 0.3163, 0.2735



62.4917, 0.3172, 0.2605



51.4105, 0.2935, 0.3592



10.8123, 0.3141, 0.3067



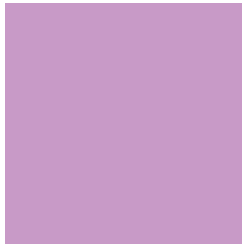
10.3289, 0.3266, 0.1573



0.4904, 0.3253, 0.1566

Previews

White Background



This preview shows how the Yxy color 39.5141, 0.3163, 0.2735 looks on a white background.

Color Contrast Check

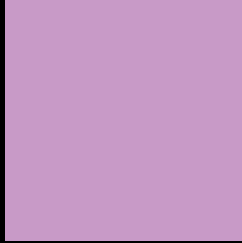
Large Text (above 18pt) WCAG AA × Fail

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 39.5141, 0.3163, 0.2735 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

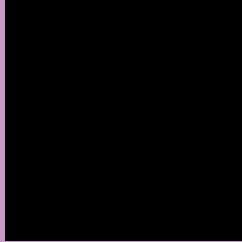
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5141, 0.3163, 0.2735

Background



This preview shows how black text looks on a background with the Yxy color 39.5141, 0.3163, 0.2735.



This preview shows how white text looks on a background with the Yxy color 39.5141, 0.3163, 0.2735.

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

39.5141, 0.3163, 0.2735

Protanopia

39.6651, 0.2745, 0.2743

Deuteranopia

39.7121, 0.2925, 0.2865



Tritanopia

39.4723, 0.3377, 0.3135

Trichromacy



Original Color

39.5141, 0.3163, 0.2735

Protanomaly

39.3624, 0.2887, 0.2731

Deuteranomaly

39.5120, 0.3004, 0.2811

Tritanomaly

39.3205, 0.3296, 0.2984

Monochromacy



Original Color

39.5141, 0.3163, 0.2735

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.7171, 0.3146, 0.3079

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5141, 0.3163, 0.2735 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(200, 154, 199)` looks like.

```
.text, #text, p{  
    color:rgb(200, 154, 199)  
}
```

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(200, 154, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 154, 199) }
```

Border

The CSS property to change the border of an element to Yxy 39.5141, 0.3163, 0.2735 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(200, 154, 199) }
```

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

```
.border{ border-color:rgb(200, 154, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 154, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 154, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 154, 199);  
box-shadow:4px 4px 4px 4px rgb(200, 154,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5141, 0.3163, 0.2735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 154, 199) }
```

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

```
.background{ background-color: rgb(200,  
154, 199) }
```

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