

Converting Colors

$Y_{xy}(38.3591, 0.3306, 0.2775)$

Have a look what the booklet for
Yxy(38.3591, 0.3306, 0.2775)
contains.

Yxy(38.5219, 0.3308, 0.2777)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.5219, 0.3308, 0.2777)

Conversions

Conversions Part 1

Format	Color
Hex	CF95BF
RGB	207, 149, 191
RGB Percent	81%, 58%, 75%
CMY	0.1882, 0.4157, 0.2510
CMYK	0.00, 0.28, 0.08, 0.19
HSL	317°, 38%, 70%
HSV	317°, 28%, 81%
XYZ	45.8878, 38.5219, 54.3080
YIQ	171.1300, 21.0860, 25.3580

Conversions

Conversions Part 2

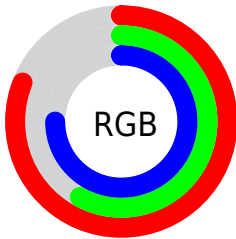
Format	Color
R _Y B	207, 149, 191
Decimal	13604287
CIE Lab	68.40, 28.44, -13.09
CIE LCh	68, 31.303, 335.287
Yxy	38.5219, 0.3308, 0.2777
Android (android.graphics.Color)	4291794367 (0xFFCF95BF)
YUV	171.1300, 9.7959, 31.4580
Hunter-Lab	62.0660, 23.3564, -8.4327

Details

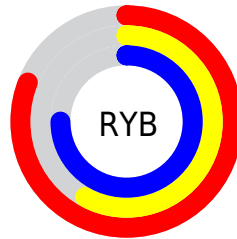
The Yxy color **38.5219, 0.3308, 0.2777** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.7421, 0.2985, 0.3865**, and the grayscale version is **40.7367, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.1611, 0.3206, 0.2866**, and **17.0598, 0.3353, 0.2622** is the 20% darker color. If you saturate the color by 10%, you get **32.2984, 0.3392, 0.2591**, and if you desaturate by 10%, it is **45.9229, 0.3234, 0.2965**.

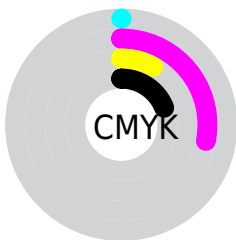
Distribution



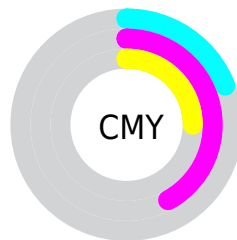
- Red (81%)
- Green (58%)
- Blue (75%)



- Red (81%)
- Yellow (58%)
- Blue (75%)



- Cyan (0%)
- Magenta (28%)
- Yellow (8%)
- Black (19%)





- Cyan (19%)
- Magenta (42%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.5219, 0.3308, 0.2777 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 38.5219, 0.3308, 0.2777 by changing the saturation by 10% instead.


 38.5219, 0.3308,
0.2777

 38.5219, 0.3308,
0.2777


339.8535, 0.3220,
0.3031

 26.3880, 0.3329,
0.2715


 72.9074, 0.3276,
0.2868

 17.1141, 0.3356,
0.2635


 95.9277, 0.3265,
0.2903

 10.3159, 0.3391,
0.2531


123.3457, 0.3254,
0.2932

 5.6089, 0.3439,
0.2388

155.5457, 0.3246,
0.2957

 2.6088, 0.3506,
0.2179

192.9121, 0.3238,
0.2979

 0.9311, 0.3607,
0.1851

235.8292, 0.3231,


 0.0000, 0.4214,


0.2998


0.0000


284.6816, 0.3225,
0.3015


 0.0000, 0.0000,
0.0000


 38.5219, 0.3308,
0.2777


 38.5219, 0.3308,
0.2777


 32.2984, 0.3392,
0.2591


 45.9229, 0.3234,
0.2965


 27.1854, 0.3487,
0.2415


 54.5536, 0.3171,
0.3148


 23.1173, 0.3591,
0.2258

 64.4689, 0.3117,
0.3324

 20.0192, 0.3702,
0.2131

 75.7194, 0.3072,
0.3489

 17.8063, 0.3817,
0.2044

 88.3525, 0.3034,
0.3643

■ 16.3789, 0.3931,
0.2003

■ 90.2406, 0.3002,
0.3606

■ 15.5913, 0.4043,
0.2009

■ 90.5584, 0.2971,
0.3543

■ 15.4662, 0.4065,
0.2013

■ 90.8866, 0.2940,
0.3482

■ 91.2256, 0.2909,
0.3421

Harmonies

Analogous

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



38.5219, 0.2842, 0.2585



38.5219, 0.3308, 0.2777



38.5219, 0.3752, 0.3085

Triad

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



38.5219, 0.3308, 0.2777



38.5219, 0.3778, 0.4071



38.5219, 0.2307, 0.3020

Complementary

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



38.5219, 0.3308, 0.2777



53.7421, 0.2985, 0.3865

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.



38.5219, 0.2521, 0.3471



38.5219, 0.3308, 0.2777



38.5219, 0.3363, 0.4122

Square

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



38.5219, 0.3308, 0.2777



38.5219, 0.4027, 0.3811



38.5219, 0.2902, 0.3898



38.5219, 0.2294, 0.2694

Rectangle

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



38.5219, 0.3308, 0.2777



38.5219, 0.3960, 0.3327



38.5219, 0.2902, 0.3898



38.5219, 0.2357, 0.3162

Sweetspot

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



38.5236, 0.3308, 0.2777



87.3104, 0.3172, 0.3147



33.9421, 0.2772, 0.2515



18.2098, 0.3181, 0.3119



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.



38.5236, 0.3308, 0.2777



55.1494, 0.3361, 0.2658



37.3896, 0.3593, 0.3120



11.9510, 0.3179, 0.3123



9.7589, 0.4050, 0.2005



0.5587, 0.3861, 0.1901

Inverse Universe

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



38.5236, 0.3308, 0.2777



55.1494, 0.3361, 0.2658



54.8967, 0.2805, 0.3468



11.9510, 0.3179, 0.3123



9.7589, 0.4050, 0.2005



0.5587, 0.3861, 0.1901

Previews

White Background



This preview shows how the Yxy color 38.5219, 0.3308, 0.2777 looks on a white background.

Color Contrast Check

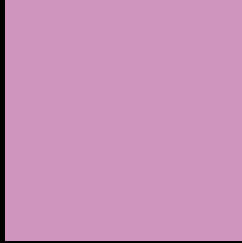
Large Text (above 18pt) WCAG AA × Fail

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 38.5219, 0.3308, 0.2777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

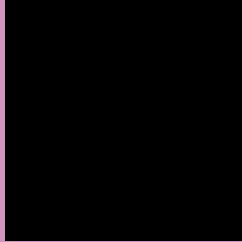
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.5219, 0.3308, 0.2777

Background



This preview shows how black text looks on a background with the Yxy color 38.5219, 0.3308, 0.2777.



This preview shows how white text looks on a background with the Yxy color 38.5219, 0.3308, 0.2777.

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

38.5219, 0.3308, 0.2777

Protanopia

38.9076, 0.2780, 0.2802

Deuteranopia

38.7095, 0.3006, 0.2953



Tritanopia

38.6652, 0.3525, 0.3151

Trichromacy



Original Color

38.5219, 0.3308, 0.2777

Protanomaly

38.4489, 0.2951, 0.2790

Deuteranomaly

38.4421, 0.3109, 0.2885

Tritanomaly

38.4916, 0.3449, 0.3014

Monochromacy



Original Color

38.5219, 0.3308, 0.2777

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.5991, 0.3193, 0.3091

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5219, 0.3308, 0.2777 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(207, 149, 191)` looks like.

```
.text, #text, p{  
    color:rgb(207, 149, 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(207, 149, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 149, 191) }
```

Border

The CSS property to change the border of an element to Yxy 38.5219, 0.3308, 0.2777 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(207, 149, 191) }
```

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

```
.border{ border-color:rgb(207, 149, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 149, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 149, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 149, 191); box-shadow:4px 4px 4px 4px rgb(207, 149, 191) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5219, 0.3308, 0.2777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 149, 191) }
```

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

```
.background{ background-color: rgb(207,  
149, 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