

Converting Colors

$Yxy(38.5421, 0.3407, 0.2697)$

Have a look what the booklet for
Yxy(38.5421, 0.3407, 0.2697)
contains.

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Color

Yxy(38.6000, 0.3404, 0.2694)

Conversions

Conversions Part 1

Format	Color
Hex	DB8FC2
RGB	219, 143, 194
RGB Percent	86%, 56%, 76%
CMY	0.1412, 0.4392, 0.2393
CMYK	0.00, 0.35, 0.11, 0.14
HSL	320°, 51%, 71%
HSV	320°, 35%, 86%
XYZ	48.7730, 38.6000, 55.9084
YIQ	171.5380, 28.9250, 31.9730

Conversions

Conversions Part 2

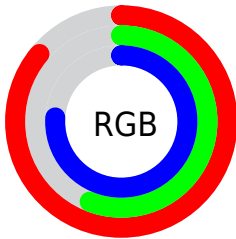
Format	Color
RYB	219, 143, 194
Decimal	14389186
CIELab	68.46, 36.24, -14.53
CIElCh	68, 39.049, 338.152
Yxy	38.6000, 0.3404, 0.2694
Android (android.graphics.Color)	4292579266 (0xFFDB8FC2)
YUV	171.5380, 11.0738, 41.6242
Hunter-Lab	62.1289, 31.4021, -9.8635

Details

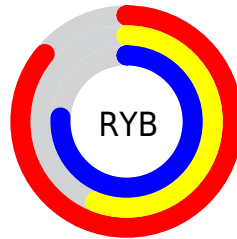
The Yxy color **38.6000, 0.3404, 0.2694** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **59.3344, 0.2930, 0.3975**, and the grayscale version is **40.9425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.6132, 0.3182, 0.2769**, and **17.1622, 0.3487, 0.2538** is the 20% darker color. If you saturate the color by 10%, you get **32.3393, 0.3514, 0.2524**, and if you desaturate by 10%, it is **46.1635, 0.3308, 0.2870**.

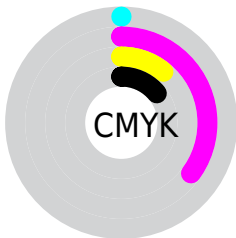
Distribution



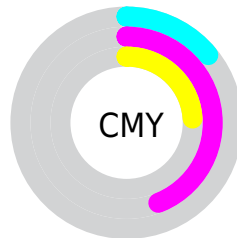
- Red (86%)
- Green (56%)
- Blue (76%)



- Red (86%)
- Yellow (56%)
- Blue (76%)



- Cyan (0%)
- Magenta (35%)
- Yellow (11%)
- Black (14%)




- Cyan (14%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.6000, 0.3404, 0.2694 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 38.6000, 0.3404, 0.2694 by changing the saturation by 10% instead.


 38.6000, 0.3404,
0.2694


 38.6000, 0.3404,
0.2694


340.1869, 0.3269,
0.2986

 26.4487, 0.3437,
0.2623


 73.0269, 0.3355,
0.2799

 17.1596, 0.3479,
0.2533


 96.0712, 0.3337,
0.2838

 10.3484, 0.3533,
0.2416


123.5153, 0.3321,
0.2872

 5.6305, 0.3607,
0.2257

155.7437, 0.3308,
0.2901

 2.6218, 0.3712,
0.2029

193.1406, 0.3296,
0.2927

 0.9376, 0.3874,
0.1680

236.0905, 0.3286,

 0.0000, 0.4654,

0.2949

0.0000

284.9778, 0.3277,
0.2968

■ 0.0000, 0.0000,
0.0000

■ 38.6000, 0.3404,
0.2694

■ 38.6000, 0.3404,
0.2694

■ 32.3393, 0.3514,
0.2524

■ 46.1635, 0.3308,
0.2870

■ 27.3008, 0.3636,
0.2370

■ 55.0936, 0.3226,
0.3044

■ 23.4034, 0.3770,
0.2241


■ 65.4563, 0.3156,
0.3213


■ 20.5535, 0.3912,
0.2150

■ 77.3117, 0.3097,
0.3374


■ 18.6430, 0.4056,
0.2104

■ 90.7166, 0.3048,
0.3524


 17.5396, 0.4198,
0.2109

 92.7099, 0.3008,
0.3473

 17.1644, 0.4272,
0.2127

 93.1405, 0.2968,
0.3397

 93.5882, 0.2929,
0.3323

 93.8010, 0.2911,
0.3289

Harmonies

Analogous

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



38.6000, 0.2820, 0.2448



38.6000, 0.3404, 0.2694



38.6000, 0.3951, 0.3071

Triad

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



38.6000, 0.3404, 0.2694



38.6000, 0.3880, 0.4275



38.6000, 0.2112, 0.2895

Complementary

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



38.6000, 0.3404, 0.2694



59.3344, 0.2930, 0.3975

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.



38.6000, 0.2343, 0.3452



38.6000, 0.3404, 0.2694



38.6000, 0.3351, 0.4331

Square

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



38.6000, 0.3404, 0.2694



38.6000, 0.4224, 0.3952



38.6000, 0.2789, 0.4019



38.6000, 0.2123, 0.2524

Rectangle

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



38.6000, 0.3404, 0.2694



38.6000, 0.4194, 0.3365



38.6000, 0.2789, 0.4019



38.6000, 0.2163, 0.3066

Sweetspot

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



38.6018, 0.3404, 0.2694



84.2667, 0.3192, 0.3123



32.9846, 0.2698, 0.2308



17.5997, 0.3202, 0.3099



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.



38.6018, 0.3404, 0.2694



47.5619, 0.3487, 0.2563



37.1397, 0.3794, 0.3123



13.1981, 0.3188, 0.3134



10.1981, 0.4252, 0.2116



0.6763, 0.4040, 0.1999

Inverse Universe

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



38.6018, 0.3404, 0.2694



47.5619, 0.3487, 0.2563



60.9175, 0.2715, 0.3468



13.1981, 0.3188, 0.3134



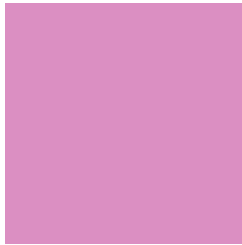
10.1981, 0.4252, 0.2116



0.6763, 0.4040, 0.1999

Previews

White Background



This preview shows how the Yxy color 38.6000, 0.3404, 0.2694 looks on a white background.

Color Contrast Check

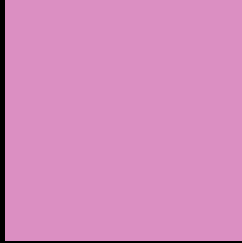
Large Text (above 18pt) WCAG AA × Fail

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 38.6000, 0.3404, 0.2694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

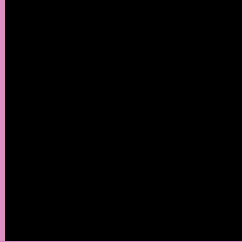
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.6000, 0.3404, 0.2694

Background



This preview shows how black text looks on a background with the Yxy color 38.6000, 0.3404, 0.2694.



This preview shows how white text looks on a background with the Yxy color 38.6000, 0.3404, 0.2694.

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

38.6000, 0.3404, 0.2694

Protanopia

39.0440, 0.2714, 0.2713

Deuteranopia

38.7963, 0.2990, 0.2927



Tritanopia

38.5152, 0.3690, 0.3144

Trichromacy



Original Color

38.6000, 0.3404, 0.2694



Protanomaly

38.5167, 0.2937, 0.2697



Deuteranomaly

38.4857, 0.3139, 0.2840



Tritanomaly

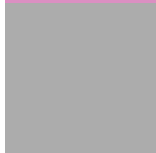
38.4835, 0.3580, 0.2976

Monochromacy



Original Color

38.6000, 0.3404, 0.2694



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

39.6038, 0.3224, 0.3042

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6000, 0.3404, 0.2694 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(219, 143, 194)` looks like.

```
.text, #text, p{  
    color:rgb(219, 143, 194)  
}
```

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(219, 143, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 143, 194) }
```

Border

The CSS property to change the border of an element to Yxy 38.6000, 0.3404, 0.2694 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(219, 143, 194) }
```

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

```
.border{ border-color:rgb(219, 143, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 143, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 143, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 143, 194);  
box-shadow:4px 4px 4px 4px rgb(219, 143,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6000, 0.3404, 0.2694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 143, 194) }
```

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

```
.background{ background-color: rgb(219,  
143, 194) }
```

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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