

Converting Colors

$Y_{xy}(39.3487, 0.2605, 0.2094)$

Have a look what the booklet for
Yxy(39.3487, 0.2605, 0.2094)
contains.

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Color

Yxy(39.3470, 0.2605, 0.2094)

Conversions

Conversions Part 1

Format	Color
Hex	B996FF
RGB	185, 150, 255
RGB Percent	73%, 59%, 100%
CMY	0.2748, 0.4116, 0.0001
CMYK	0.27, 0.41, 0.00, 0.00
HSL	260°, 100%, 79%
HSV	260°, 41%, 100%
XYZ	48.9489, 39.3470, 99.6077
YIQ	172.4350, -12.8450, 40.0750

Conversions

Conversions Part 2

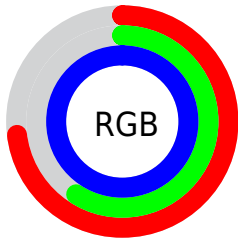
Format	Color
RYB	185, 150, 255
Decimal	12162815
CIELab	69.00, 34.39, -47.60
CIElCh	69, 58.721, 305.850
Yxy	39.3470, 0.2605, 0.2094
Android (android.graphics.Color)	4290352895 (0xFFB996FF)
YUV	172.4350, 40.7045, 11.0195
Hunter-Lab	62.7272, 29.5191, -50.2405

Details

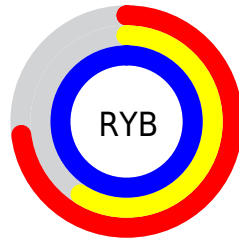
The Yxy color $39.3470, 0.2605, 0.2094$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $88.9415, 0.3504, 0.4402$, and the grayscale version is $41.2799, 0.3127, 0.3290$.

A 20% lighter version of the original color is $69.9373, 0.3063, 0.2788$, and $17.6680, 0.2445, 0.1822$ is the 20% darker color. If you saturate the color by 10%, you get $30.0842, 0.2442, 0.1772$, and if you desaturate by 10%, it is $50.6366, 0.2756, 0.2414$.

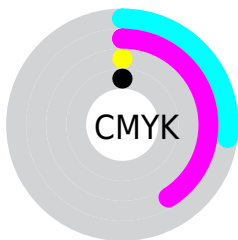
Distribution



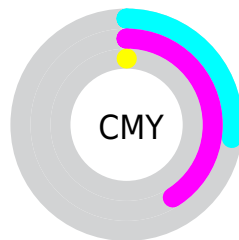
- Red (73%)
- Green (59%)
- Blue (100%)



- Red (73%)
- Yellow (59%)
- Blue (100%)



- Cyan (27%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)





- Cyan (27%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3470, 0.2605, 0.2094 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 39.3470, 0.2605, 0.2094 by changing the saturation by 10% instead.


 39.3470, 0.2605,
0.2094


 39.3470, 0.2605,
0.2094


343.3635, 0.2877,
0.2648

 27.0298, 0.2536,
0.1970


 74.1681, 0.2705,
0.2285

 17.5956, 0.2449,
0.1820


 97.4408, 0.2742,
0.2359

 10.6600, 0.2333,
0.1635


125.1341, 0.2774,
0.2424

 5.8387, 0.2177,
0.1404

157.6324, 0.2801,
0.2480

 2.7473, 0.1957,
0.1112

195.3201, 0.2824,
0.2530

 1.0013, 0.1637,
0.0750

238.5816, 0.2844,

 0.0000, 0.1198,

0.2574


0.0000

287.8013, 0.2862,
0.2613

 0.0000, 0.0000,
0.0000

 39.3470, 0.2605,
0.2094


 39.3470, 0.2605,
0.2094


 30.0842, 0.2442,
0.1772


 50.6366, 0.2756,
0.2414


 22.7188, 0.2273,
0.1465


 64.0625, 0.2893,
0.2719


 17.1131, 0.2107,
0.1191

 79.7315, 0.3013,
0.3003

 13.1079, 0.1953,
0.0969

 97.7420, 0.3116,
0.3262

 10.5135, 0.1821,
0.0812

 99.9989, 0.3127,
0.3290

■ 9.1402, 0.1726,
0.0725

Harmonies

Analogous

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



39.3470, 0.2005, 0.2009



39.3470, 0.2605, 0.2094



39.3470, 0.3451, 0.2411

Triad

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



39.3470, 0.2605, 0.2094



39.3470, 0.4736, 0.4119



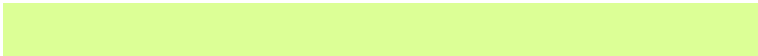
39.3470, 0.2022, 0.3581

Complementary

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



39.3470, 0.2605, 0.2094



88.9415, 0.3504, 0.4402

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.



39.3470, 0.2655, 0.4489



39.3470, 0.2605, 0.2094



39.3470, 0.4224, 0.4670

Square

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



39.3470, 0.2605, 0.2094



39.3470, 0.4795, 0.3497



39.3470, 0.3462, 0.4896



39.3470, 0.1703, 0.2721

Rectangle

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



39.3470, 0.2605, 0.2094



39.3470, 0.4042, 0.2725



39.3470, 0.3462, 0.4896



39.3470, 0.2201, 0.3906

Sweetspot

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



39.3485, 0.2605, 0.2094



78.3365, 0.3003, 0.2980



65.8158, 0.2499, 0.2902



16.3065, 0.2988, 0.2944



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.



39.3485, 0.2605, 0.2094



31.9238, 0.2478, 0.1841



46.8316, 0.3014, 0.2224



17.6711, 0.3031, 0.3048



4.8490, 0.1742, 0.0733



0.5289, 0.1863, 0.0800

Inverse Universe

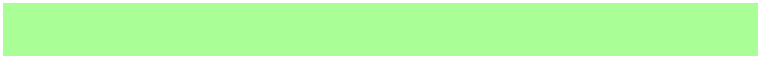
The Inverse Universe completely reimagines the original color for something new.



48.2525, 0.3480, 0.2581



42.0657, 0.3574, 0.2453



82.1779, 0.3177, 0.4526



18.1916, 0.3189, 0.3133



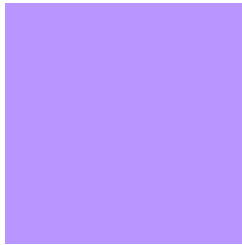
12.6583, 0.4274, 0.2128



1.2528, 0.4121, 0.2044

Previews

White Background



This preview shows how the Yxy color 39.3470, 0.2605, 0.2094 looks on a white background.

Color Contrast Check

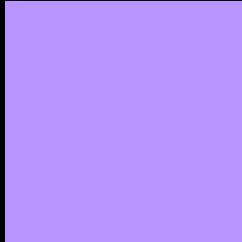
Large Text (above 18pt) WCAG AA × Fail

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 39.3470, 0.2605, 0.2094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

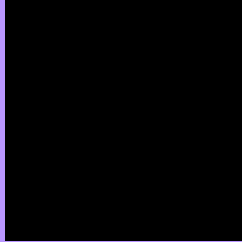
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3470, 0.2605, 0.2094

Background



This preview shows how black text looks on a background with the Yxy color 39.3470, 0.2605, 0.2094.



This preview shows how white text looks on a background with the Yxy color 39.3470, 0.2605, 0.2094.

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

39.3470, 0.2605, 0.2094

Protanopia

39.7267, 0.2303, 0.2187

Deuteranopia

39.7956, 0.2299, 0.2244



Tritanopia

39.2257, 0.3054, 0.3098

Trichromacy



Original Color

39.3470, 0.2605, 0.2094



Protanomaly

39.2316, 0.2401, 0.2143



Deuteranomaly

39.0973, 0.2399, 0.2178



Tritanomaly

38.8767, 0.2879, 0.2682

Monochromacy



Original Color

39.3470, 0.2605, 0.2094



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

40.1623, 0.2929, 0.2796

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3470, 0.2605, 0.2094 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(185, 150, 255)` looks like.

```
.text, #text, p{  
    color:rgb(185, 150, 255)  
}
```

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(185, 150, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 150, 255) }
```

Border

The CSS property to change the border of an element to Yxy 39.3470, 0.2605, 0.2094 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(185, 150, 255) }
```

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

```
.border{ border-color:rgb(185, 150, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 150, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 150, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 150, 255);  
box-shadow:4px 4px 4px 4px rgb(185, 150,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3470, 0.2605, 0.2094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 150, 255) }
```

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

```
.background{ background-color: rgb(185,  
150, 255) }
```

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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