

Converting Colors

Yxy(51.1053, 0.3337, 0.2501)

Have a look what the booklet for
Yxy(51.1053, 0.3337, 0.2501)
contains.

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Color

Yxy(51.0351, 0.3339, 0.2502)

Conversions

Conversions Part 1

Format	Color
Hex	FF9CEB
RGB	255, 156, 235
RGB Percent	100%, 61%, 92%
CMY	0.0002, 0.3881, 0.0786
CMYK	0.00, 0.39, 0.08, 0.00
HSL	312°, 100%, 81%
HSV	312°, 39%, 100%
XYZ	68.1080, 51.0351, 84.8341
YIQ	194.6070, 33.6450, 45.5570

Conversions

Conversions Part 2

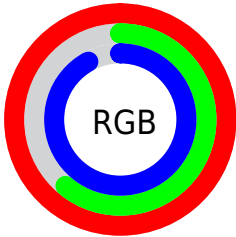
Format	Color
R _Y B	255, 156, 235
Decimal	16751851
CIE Lab	76.70, 47.86, -24.21
CIE LCh	77, 53.632, 333.169
Yxy	51.0351, 0.3339, 0.2502
Android (android.graphics.Color)	4294941931 (0xFFFF9CEB)
YUV	194.6070, 19.9137, 52.9647
Hunter-Lab	71.4389, 45.1594, -20.4001

Details

The Yxy color **51.0351, 0.3339, 0.2502** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **81.6995, 0.2972, 0.4237**, and the grayscale version is **54.1943, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5670, 0.3147, 0.2871**, and **24.6277, 0.3387, 0.2322** is the 20% darker color. If you saturate the color by 10%, you get **43.0643, 0.3411, 0.2312**, and if you desaturate by 10%, it is **60.8149, 0.3274, 0.2705**.

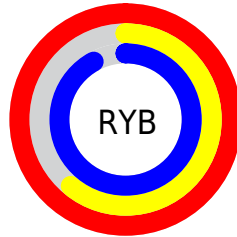
Distribution



Red (100%)

Green (61%)

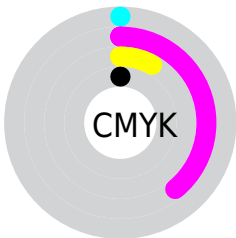
Blue (92%)



Red (100%)

Yellow (61%)

Blue (92%)

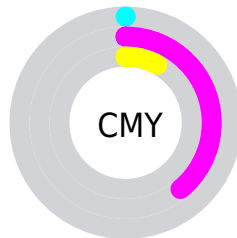


Cyan (0%)

Magenta (39%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0351, 0.3339, 0.2502 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 51.0351, 0.3339, 0.2502 by changing the saturation by 10% instead.


 51.0351, 0.3339,
0.2502


 51.0351, 0.3339,
0.2502


390.7001, 0.3247,
0.2862

 36.2365, 0.3358,
0.2421


 91.7067, 0.3308,
0.2626

 24.6169, 0.3382,
0.2323


 118.3484, 0.3296,
0.2674

 15.7919, 0.3410,
0.2200


149.7068, 0.3285,
0.2716

 9.3770, 0.3443,
0.2042

186.1660, 0.3276,
0.2753

 4.9879, 0.3485,
0.1833

228.1106, 0.3267,
0.2785

 2.2402, 0.3534,
0.1547

275.9249, 0.3260,

 0.7418, 0.3589,

0.2813

0.1132

329.9932, 0.3253,
0.2839

0.0000, 0.3810,
0.0000

0.0000, 0.0000,
0.0000

51.0351, 0.3339,
0.2502

51.0351, 0.3339,
0.2502

43.0643, 0.3411,
0.2312

60.8149, 0.3274,
0.2705

36.7822, 0.3487,
0.2144

72.5003, 0.3216,
0.2912

32.0650, 0.3567,
0.2010

86.1891, 0.3166,
0.3117

28.7687, 0.3648,
0.1918

99.9918, 0.3127,
0.3290

■ 26.7229, 0.3727,
0.1872

■ 25.6807, 0.3802,
0.1872

■ 25.5846, 0.3811,
0.1873

Harmonies

Analogous

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



51.0351, 0.2634, 0.2240



51.0351, 0.3339, 0.2502



51.0351, 0.4058, 0.2928

Triad

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



51.0351, 0.3339, 0.2502



51.0351, 0.4132, 0.4445



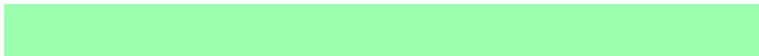
51.0351, 0.1916, 0.2882

Complementary

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



51.0351, 0.3339, 0.2502



81.6995, 0.2972, 0.4237

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.



51.0351, 0.2230, 0.3613



51.0351, 0.3339, 0.2502



51.0351, 0.3499, 0.4628

Square

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



51.0351, 0.3339, 0.2502



51.0351, 0.4521, 0.3987



51.0351, 0.2802, 0.4323



51.0351, 0.1886, 0.2394

Rectangle

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



51.0351, 0.3339, 0.2502



51.0351, 0.4404, 0.3268



51.0351, 0.2802, 0.4323



51.0351, 0.1988, 0.3106

Sweetspot

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



51.0374, 0.3339, 0.2502



81.6147, 0.3181, 0.3052



40.2157, 0.2545, 0.2141



17.0795, 0.3188, 0.3025



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.



51.0374, 0.3339, 0.2502



44.3871, 0.3397, 0.2345



48.5740, 0.3802, 0.2981



18.2338, 0.3169, 0.3102



13.3957, 0.3799, 0.1866



1.3195, 0.3718, 0.1822

Inverse Universe

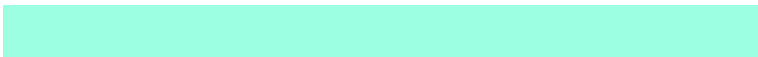
The Inverse Universe completely reimagines the original color for something new.



51.0374, 0.3339, 0.2502



44.3871, 0.3397, 0.2345



84.0155, 0.2726, 0.3630



18.2338, 0.3169, 0.3102



13.3957, 0.3799, 0.1866



1.3195, 0.3718, 0.1822

Previews

White Background



This preview shows how the Yxy color 51.0351, 0.3339, 0.2502 looks on a white background.

Color Contrast Check

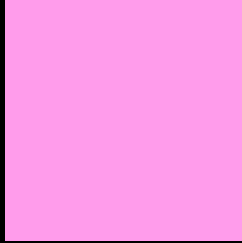
Large Text (above 18pt) WCAG AA × Fail

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 51.0351, 0.3339, 0.2502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

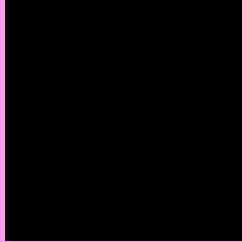
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.0351, 0.3339, 0.2502

Background



This preview shows how black text looks on a background with the Yxy color 51.0351, 0.3339, 0.2502.



This preview shows how white text looks on a background with the Yxy color 51.0351, 0.3339, 0.2502.

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

51.0351, 0.3339, 0.2502

Protanopia

51.3067, 0.2550, 0.2497

Deuteranopia

51.5223, 0.2825, 0.2768



Tritanopia

50.8892, 0.3764, 0.3152

Trichromacy



Original Color

51.0351, 0.3339, 0.2502



Protanomaly

50.2455, 0.2795, 0.2483



Deuteranomaly

50.4832, 0.2993, 0.2648



Tritanomaly

50.8737, 0.3611, 0.2902

Monochromacy



Original Color

51.0351, 0.3339, 0.2502



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

52.4526, 0.3201, 0.2958

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0351, 0.3339, 0.2502 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(255, 156, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 235)  
}
```

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(255, 156, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 235) }
```

Border

The CSS property to change the border of an element to Yxy 51.0351, 0.3339, 0.2502 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(255, 156, 235) }
```

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

```
.border{ border-color:rgb(255, 156, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 156, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0351, 0.3339, 0.2502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 235) }
```

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

```
.background{ background-color: rgb(255,  
156, 235) }
```

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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