

Converting Colors

Yxy(50.7324, 0.3243, 0.2372)

Have a look what the booklet for
Yxy(50.7324, 0.3243, 0.2372)
contains.

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Color

Yxy(50.7579, 0.3239, 0.2368)

Conversions

Conversions Part 1

Format	Color
Hex	FF99F7
RGB	255, 153, 247
RGB Percent	100%, 60%, 97%
CMY	0.0000, 0.4000, 0.0312
CMYK	0.00, 0.40, 0.03, 0.00
HSL	305°, 100%, 80%
HSV	305°, 40%, 100%
XYZ	69.4277, 50.7579, 94.1636
YIQ	194.2140, 30.6180, 50.8580

Conversions

Conversions Part 2

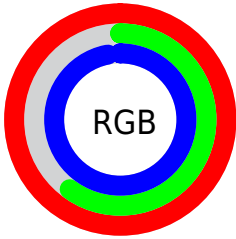
Format	Color
R _Y B	255, 153, 247
Decimal	16751095
CIE Lab	76.53, 51.45, -31.01
CIE LCh	77, 60.076, 328.924
Yxy	50.7579, 0.3239, 0.2368
Android (android.graphics.Color)	4294941175 (0xFFFF99F7)
YUV	194.2140, 26.0235, 53.3093
Hunter-Lab	71.2446, 49.2699, -28.4921

Details

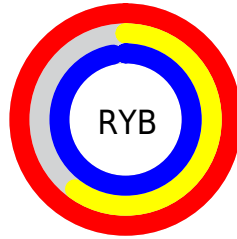
The Yxy color **50.7579, 0.3239, 0.2368** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **80.8631, 0.3030, 0.4429**, and the grayscale version is **53.9102, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0809, 0.3148, 0.2841**, and **24.5117, 0.3261, 0.2173** is the 20% darker color. If you saturate the color by 10%, you get **43.1616, 0.3271, 0.2160**, and if you desaturate by 10%, it is **60.1382, 0.3208, 0.2594**.

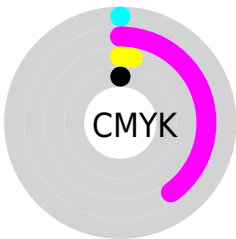
Distribution



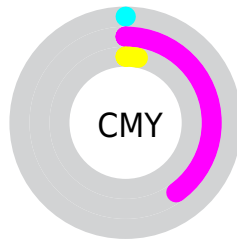
- Red (100%)
- Green (60%)
- Blue (97%)



- Red (100%)
- Yellow (60%)
- Blue (97%)



- Cyan (0%)
- Magenta (40%)
- Yellow (3%)
- Black (0%)




- Cyan (0%)
- Magenta (40%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7579, 0.3239, 0.2368 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 50.7579, 0.3239, 0.2368 by changing the saturation by 10% instead.


 50.7579, 0.3239,
0.2368


 50.7579, 0.3239,
0.2368


389.6224, 0.3199,
0.2783

 36.0160, 0.3245,
0.2277


 91.2968, 0.3228,
0.2509

 24.4465, 0.3251,
0.2166


 117.8626, 0.3222,
0.2565

 15.6652, 0.3256,
0.2028


149.1384, 0.3218,
0.2614

 9.2875, 0.3259,
0.1855

185.5087, 0.3213,
0.2656

 4.9292, 0.3255,
0.1631

227.3579, 0.3209,
0.2693

 2.2058, 0.3235,
0.1332

275.0703, 0.3206,

 0.7231, 0.3174,

0.2727

0.0920

329.0303, 0.3202,
0.2756

■ 0.0000, 0.3103,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.7579, 0.3239,
0.2368

■ 50.7579, 0.3239,
0.2368

■ 43.1616, 0.3271,
0.2160

■ 60.1382, 0.3208,
0.2594

■ 37.2357, 0.3304,
0.1979

■ 71.4081, 0.3178,
0.2828

■ 32.8518, 0.3337,
0.1835

■ 84.6636, 0.3151,
0.3062

■ 29.8634, 0.3367,
0.1733

99.9948, 0.3127,
0.3290

■ 28.0959, 0.3395,
0.1676

100.0000, 0.3127,
0.3290

■ 27.2637, 0.3420,
0.1658

Harmonies

Analogous

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



50.7579, 0.2480, 0.2113



50.7579, 0.3239, 0.2368



50.7579, 0.4067, 0.2809

Triad

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



50.7579, 0.3239, 0.2368



50.7579, 0.4313, 0.4499



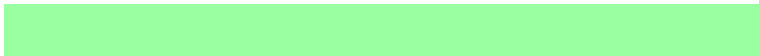
50.7579, 0.1818, 0.2923

Complementary

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



50.7579, 0.3239, 0.2368



80.8631, 0.3030, 0.4429

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.



50.7579, 0.2199, 0.3776



50.7579, 0.3239, 0.2368



50.7579, 0.3632, 0.4795

Square

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



50.7579, 0.3239, 0.2368



50.7579, 0.4706, 0.3955



50.7579, 0.2858, 0.4551



50.7579, 0.1748, 0.2345

Rectangle

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



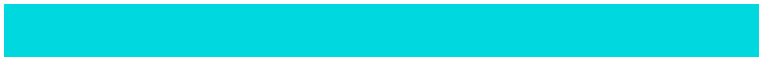
50.7579, 0.3239, 0.2368



50.7579, 0.4494, 0.3171



50.7579, 0.2858, 0.4551



50.7579, 0.1910, 0.3187

Sweetspot

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



50.7575, 0.3239, 0.2368



81.8537, 0.3156, 0.3016



37.4520, 0.2427, 0.2071



17.1361, 0.3160, 0.2985



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.



50.7575, 0.3239, 0.2368



44.5456, 0.3265, 0.2200



48.0800, 0.3696, 0.2833



18.2745, 0.3150, 0.3074



14.2562, 0.3416, 0.1655



1.3951, 0.3390, 0.1641

Inverse Universe

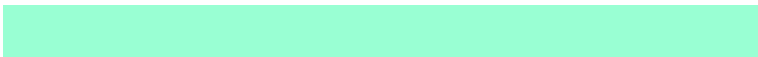
The Inverse Universe completely reimagines the original color for something new.



50.7575, 0.3239, 0.2368



44.5456, 0.3265, 0.2200



82.9845, 0.2782, 0.3808



18.2745, 0.3150, 0.3074



14.2562, 0.3416, 0.1655



1.3951, 0.3390, 0.1641

Previews

White Background



This preview shows how the Yxy color 50.7579, 0.3239, 0.2368 looks on a white background.

Color Contrast Check

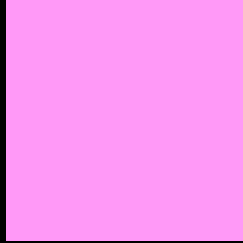
Large Text (above 18pt) WCAG AA × Fail

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 50.7579, 0.3239, 0.2368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

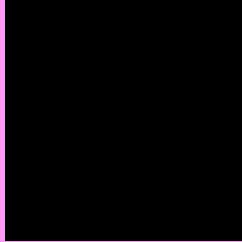
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7579, 0.3239, 0.2368

Background



This preview shows how black text looks on a background with the Yxy color 50.7579, 0.3239, 0.2368.



This preview shows how white text looks on a background with the Yxy color 50.7579, 0.3239, 0.2368.

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

50.7579, 0.3239, 0.2368

Protanopia

51.1957, 0.2544, 0.2496

Deuteranopia

51.1720, 0.2697, 0.2641



Tritanopia

50.7069, 0.3755, 0.3151

Trichromacy



Original Color

50.7579, 0.3239, 0.2368



Protanomaly

49.9676, 0.2761, 0.2432



Deuteranomaly

50.0086, 0.2874, 0.2519



Tritanomaly

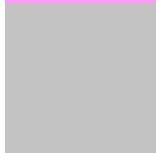
50.5243, 0.3567, 0.2849

Monochromacy



Original Color

50.7579, 0.3239, 0.2368



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

51.6432, 0.3171, 0.2901

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7579, 0.3239, 0.2368 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, 153, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 247)  
}
```

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, 153, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 247) }
```

Border

The CSS property to change the border of an element to Yxy 50.7579, 0.3239, 0.2368 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, 153, 247) }
```

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

```
.border{ border-color:rgb(255, 153, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 153, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7579, 0.3239, 0.2368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 247) }
```

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

```
.background{ background-color: rgb(255,  
153, 247) }
```

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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