

Converting Colors

Yxy(56.4322, 0.3417, 0.2430)

Have a look what the booklet for
Yxy(56.4322, 0.3417, 0.2430)
contains.

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Color

Yxy(51.5422, 0.3221, 0.2370)

Conversions

Conversions Part 1

Format	Color
Hex	FF9BF9
RGB	255, 155, 249
RGB Percent	100%, 61%, 98%
CMY	0.0002, 0.3920, 0.0235
CMYK	0.00, 0.39, 0.02, 0.00
HSL	304°, 100%, 80%
HSV	304°, 39%, 100%
XYZ	70.0495, 51.5422, 95.8859
YIQ	195.6160, 29.4260, 50.4340

Conversions

Conversions Part 2

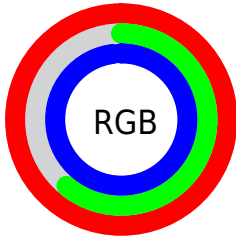
Format	Color
R _Y B	255, 155, 249
Decimal	16751609
CIE Lab	77.01, 50.75, -31.35
CIE LCh	77, 59.651, 328.298
Yxy	51.5422, 0.3221, 0.2370
Android (android.graphics.Color)	4294941689 (0xFFFF9BF9)
YUV	195.6160, 26.3183, 52.0798
Hunter-Lab	71.7929, 48.5279, -28.9321

Details

The Yxy color **51.5422, 0.3221, 0.2370** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **81.0375, 0.3041, 0.4425**, and the grayscale version is **54.7892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0685, 0.3147, 0.2861**, and **24.9834, 0.3237, 0.2174** is the 20% darker color. If you saturate the color by 10%, you get **43.8392, 0.3248, 0.2157**, and if you desaturate by 10%, it is **61.0421, 0.3195, 0.2600**.

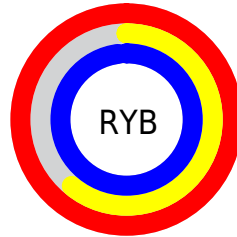
Distribution



Red (100%)

Green (61%)

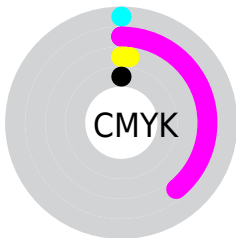
Blue (98%)



Red (100%)

Yellow (61%)

Blue (98%)

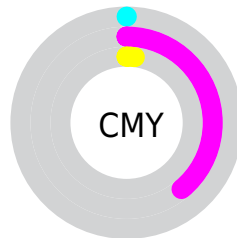


Cyan (0%)

Magenta (39%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (39%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.5422, 0.3221, 0.2370 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 51.5422, 0.3221, 0.2370 by changing the saturation by 10% instead.


 51.5422, 0.3221,
0.2370

 51.5422, 0.3221,
0.2370


392.6667, 0.3190,
0.2783

 36.6403, 0.3225,
0.2279


 92.4557, 0.3213,
0.2511

 24.9291, 0.3229,
0.2169


 119.2362, 0.3209,
0.2566

 16.0242, 0.3231,
0.2033


150.7449, 0.3205,
0.2614

 9.5413, 0.3229,
0.1861

187.3663, 0.3201,
0.2657

 5.0959, 0.3220,
0.1639

229.4848, 0.3198,
0.2694

 2.3036, 0.3193,
0.1345

277.4847, 0.3195,

 0.7756, 0.3120,

0.2727

0.0945

331.7506, 0.3192,
0.2757

0.0000, 0.3045,
0.0000

0.0000, 0.0000,
0.0000

51.5422, 0.3221,
0.2370

51.5422, 0.3221,
0.2370

43.8392, 0.3248,
0.2157

61.0421, 0.3195,
0.2600

37.8124, 0.3275,
0.1972

72.4357, 0.3170,
0.2839

33.3375, 0.3301,
0.1822

85.8212, 0.3147,
0.3077

30.2698, 0.3325,
0.1716

99.9922, 0.3127,
0.3290

■ 28.4374, 0.3347,
0.1653

■ 27.5822, 0.3366,
0.1630

■ 27.5303, 0.3367,
0.1629

Harmonies

Analogous

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



51.5422, 0.2474, 0.2122



51.5422, 0.3221, 0.2370



51.5422, 0.4040, 0.2804

Triad

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



51.5422, 0.3221, 0.2370



51.5422, 0.4313, 0.4478



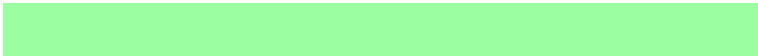
51.5422, 0.1837, 0.2945

Complementary

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



51.5422, 0.3221, 0.2370



81.0375, 0.3041, 0.4425

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.



51.5422, 0.2221, 0.3789



51.5422, 0.3221, 0.2370



51.5422, 0.3644, 0.4775

Square

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



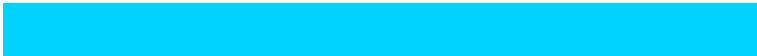
51.5422, 0.3221, 0.2370



51.5422, 0.4692, 0.3939



51.5422, 0.2878, 0.4545



51.5422, 0.1761, 0.2365

Rectangle

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



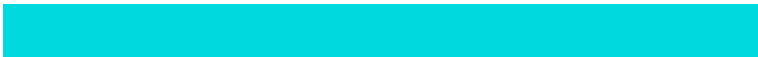
51.5422, 0.3221, 0.2370



51.5422, 0.4467, 0.3162



51.5422, 0.2878, 0.4545



51.5422, 0.1930, 0.3207

Sweetspot

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



51.5445, 0.3221, 0.2370



81.8898, 0.3153, 0.3010



38.1457, 0.2432, 0.2096



17.1447, 0.3156, 0.2979



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.



51.5445, 0.3221, 0.2370



45.3987, 0.3242, 0.2202



48.8744, 0.3664, 0.2825



18.2806, 0.3147, 0.3070



14.3985, 0.3365, 0.1627



1.4074, 0.3345, 0.1616

Inverse Universe

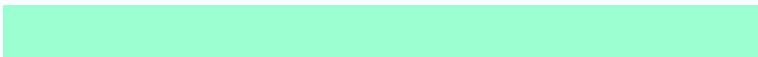
The Inverse Universe completely reimagines the original color for something new.



51.5445, 0.3221, 0.2370



45.3987, 0.3242, 0.2202



83.1177, 0.2796, 0.3816



18.2806, 0.3147, 0.3070



14.3985, 0.3365, 0.1627



1.4074, 0.3345, 0.1616

Previews

White Background



This preview shows how the Yxy color 51.5422, 0.3221, 0.2370 looks on a white background.

Color Contrast Check

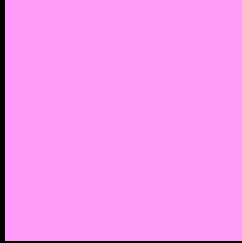
Large Text (above 18pt) WCAG AA × Fail

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 51.5422, 0.3221, 0.2370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

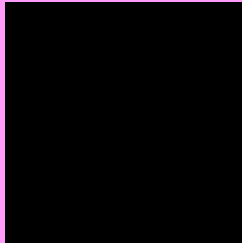
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.5422, 0.3221, 0.2370

Background



This preview shows how black text looks on a background with the Yxy color 51.5422, 0.3221, 0.2370.



This preview shows how white text looks on a background with the Yxy color 51.5422, 0.3221, 0.2370.

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

51.5422, 0.3221, 0.2370

Protanopia

51.8444, 0.2558, 0.2511

Deuteranopia

51.8355, 0.2693, 0.2633



Tritanopia

51.3462, 0.3721, 0.3151

Trichromacy



Original Color

51.5422, 0.3221, 0.2370



Protanomaly

50.6991, 0.2770, 0.2438



Deuteranomaly

50.6624, 0.2868, 0.2513



Tritanomaly

51.1469, 0.3536, 0.2849

Monochromacy



Original Color

51.5422, 0.3221, 0.2370



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

52.7058, 0.3162, 0.2903

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5422, 0.3221, 0.2370 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, 155, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 249)  
}
```

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, 155, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 249) }
```

Border

The CSS property to change the border of an element to Yxy 51.5422, 0.3221, 0.2370 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, 155, 249) }
```

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

```
.border{ border-color:rgb(255, 155, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 155, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 155, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 155, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 155,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5422, 0.3221, 0.2370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 249) }
```

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

```
.background{ background-color: rgb(255,  
155, 249) }
```

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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