

Converting Colors

Yxy(53.4073, 0.3226, 0.2431)

Have a look what the booklet for
Yxy(53.4073, 0.3226, 0.2431)
contains.

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Color

Yxy(53.5270, 0.3226, 0.2435)

Conversions

Conversions Part 1

Format	Color
Hex	FFA1F8
RGB	255, 161, 248
RGB Percent	100%, 63%, 97%
CMY	0.0001, 0.3685, 0.0275
CMYK	0.00, 0.37, 0.03, 0.00
HSL	304°, 100%, 82%
HSV	304°, 37%, 100%
XYZ	70.9150, 53.5270, 95.3814
YIQ	199.0240, 28.0970, 46.9850

Conversions

Conversions Part 2

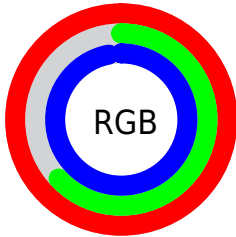
Format	Color
RYB	255, 161, 248
Decimal	16753144
CIELab	78.19, 47.52, -28.98
CIELCh	78, 55.660, 328.626
Yxy	53.5270, 0.3226, 0.2435
Android (android.graphics.Color)	4294943224 (0xFFFFA1F8)
YUV	199.0240, 24.1452, 49.0910
Hunter-Lab	73.1621, 44.9838, -26.0828

Details

The Yxy color **53.5270, 0.3226, 0.2435** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **81.9054, 0.3039, 0.4328**, and the grayscale version is **56.9675, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1057, 0.3145, 0.2920**, and **26.1473, 0.3244, 0.2250** is the 20% darker color. If you saturate the color by 10%, you get **45.3892, 0.3257, 0.2219**, and if you desaturate by 10%, it is **63.4875, 0.3196, 0.2665**.

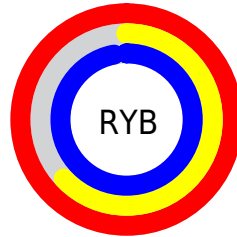
Distribution



Red (100%)

Green (63%)

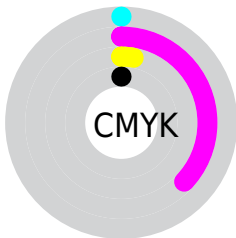
Blue (97%)



Red (100%)

Yellow (63%)

Blue (97%)

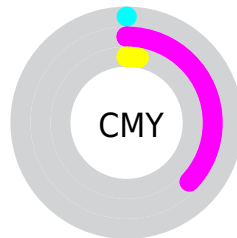


Cyan (0%)

Magenta (37%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5270, 0.3226, 0.2435 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 53.5270, 0.3226, 0.2435 by changing the saturation by 10% instead.


 53.5270, 0.3226,
0.2435

 53.5270, 0.3226,
0.2435


400.3037, 0.3191,
0.2820

 38.2236, 0.3232,
0.2350


 95.3794, 0.3216,
0.2566

 26.1563, 0.3237,
0.2247


 122.6972, 0.3211,
0.2618

 16.9406, 0.3242,
0.2120


154.7886, 0.3207,
0.2662

 10.1922, 0.3245,
0.1959

192.0381, 0.3203,
0.2702

 5.5266, 0.3243,
0.1749

234.8299, 0.3200,
0.2736

 2.5594, 0.3227,
0.1468

283.5485, 0.3196,

 0.9063, 0.3176,

0.2767

0.1083

338.5783, 0.3193,
0.2795

0.0000, 0.3197,
0.0000

0.0000, 0.0000,
0.0000

53.5270, 0.3226,
0.2435

53.5270, 0.3226,
0.2435

45.3892, 0.3257,
0.2219

63.4875, 0.3196,
0.2665

38.9560, 0.3289,
0.2028

75.3654, 0.3168,
0.2901

34.1062, 0.3320,
0.1872

89.2573, 0.3143,
0.3135

30.7002, 0.3350,
0.1756

99.9933, 0.3127,
0.3290

■ 28.5737, 0.3377,
0.1684

■ 27.5189, 0.3402,
0.1656

■ 27.3093, 0.3409,
0.1652

Harmonies

Analogous

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



53.5270, 0.2530, 0.2199



53.5270, 0.3226, 0.2435



53.5270, 0.3977, 0.2846

Triad

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



53.5270, 0.3226, 0.2435



53.5270, 0.4230, 0.4407



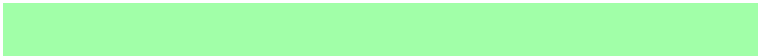
53.5270, 0.1923, 0.2972

Complementary

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



53.5270, 0.3226, 0.2435



81.9054, 0.3039, 0.4328

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.



53.5270, 0.2285, 0.3741



53.5270, 0.3226, 0.2435



53.5270, 0.3610, 0.4657

Square

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



53.5270, 0.3226, 0.2435



53.5270, 0.4576, 0.3915



53.5270, 0.2897, 0.4429



53.5270, 0.1851, 0.2431

Rectangle

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



53.5270, 0.3226, 0.2435



53.5270, 0.4367, 0.3185



53.5270, 0.2897, 0.4429



53.5270, 0.2011, 0.3212

Sweetspot

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



53.5294, 0.3226, 0.2435



83.2571, 0.3153, 0.3038



40.9653, 0.2492, 0.2182



17.4163, 0.3157, 0.3006



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.



53.5294, 0.3226, 0.2435



47.5389, 0.3248, 0.2279



51.0052, 0.3634, 0.2869



18.2757, 0.3149, 0.3073



14.2840, 0.3406, 0.1650



1.3975, 0.3381, 0.1636

Inverse Universe

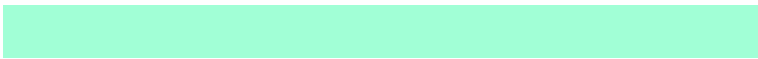
The Inverse Universe completely reimagines the original color for something new.



53.5294, 0.3226, 0.2435



47.5389, 0.3248, 0.2279



83.9459, 0.2805, 0.3760



18.2757, 0.3149, 0.3073



14.2840, 0.3406, 0.1650



1.3975, 0.3381, 0.1636

Previews

White Background



This preview shows how the Yxy color 53.5270, 0.3226, 0.2435 looks on a white background.

Color Contrast Check

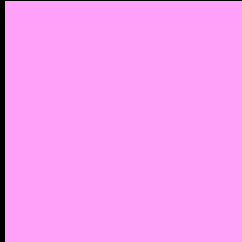
Large Text (above 18pt) WCAG AA × Fail

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 53.5270, 0.3226, 0.2435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

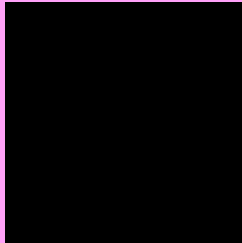
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.5270, 0.3226, 0.2435

Background



This preview shows how black text looks on a background with the Yxy color 53.5270, 0.3226, 0.2435.



This preview shows how white text looks on a background with the Yxy color 53.5270, 0.3226, 0.2435.

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

53.5270, 0.3226, 0.2435

Protanopia

54.1494, 0.2596, 0.2565

Deuteranopia

53.8628, 0.2737, 0.2677



Tritanopia

53.6341, 0.3671, 0.3152

Trichromacy



Original Color

53.5270, 0.3226, 0.2435



Protanomaly

53.0552, 0.2802, 0.2508



Deuteranomaly

52.8298, 0.2900, 0.2564



Tritanomaly

53.3034, 0.3509, 0.2872

Monochromacy



Original Color

53.5270, 0.3226, 0.2435



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

54.7677, 0.3160, 0.2929

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5270, 0.3226, 0.2435 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, 161, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 248)  
}
```

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, 161, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 248) }
```

Border

The CSS property to change the border of an element to Yxy 53.5270, 0.3226, 0.2435 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, 161, 248) }
```

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

```
.border{ border-color:rgb(255, 161, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5270, 0.3226, 0.2435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 248) }
```

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

```
.background{ background-color: rgb(255,  
161, 248) }
```

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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