

Converting Colors

Yxy(51.9622, 0.3428, 0.2604)

Have a look what the booklet for
Yxy(51.9622, 0.3428, 0.2604)
contains.

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Color

Yxy(51.6023, 0.3406, 0.2604)

Conversions

Conversions Part 1

Format	Color
Hex	FF9FE3
RGB	255, 159, 227
RGB Percent	100%, 62%, 89%
CMY	0.0001, 0.3764, 0.1098
CMYK	0.00, 0.38, 0.11, 0.00
HSL	317°, 100%, 81%
HSV	317°, 38%, 100%
XYZ	67.4952, 51.6023, 79.0680
YIQ	195.4560, 35.3880, 41.5000

Conversions

Conversions Part 2

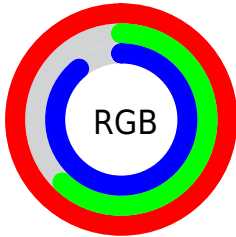
Format	Color
R_{YB}	255, 159, 227
Decimal	16752611
CIE _{Lab}	77.04, 45.04, -19.35
CIE _{LCh}	77, 49.018, 336.750
Yxy	51.6023, 0.3406, 0.2604
Android (android.graphics.Color)	4294942691 (0xFFFF9FE3)
YUV	195.4560, 15.5512, 52.2201
Hunter-Lab	71.8347, 42.0059, -14.9758

Details

The Yxy color **51.6023, 0.3406, 0.2604** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82.4659, 0.2932, 0.4096**, and the grayscale version is **54.7509, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0809, 0.3145, 0.2900**, and **24.9520, 0.3467, 0.2436** is the 20% darker color. If you saturate the color by 10%, you get **43.3180, 0.3507, 0.2429**, and if you desaturate by 10%, it is **61.7176, 0.3316, 0.2789**.

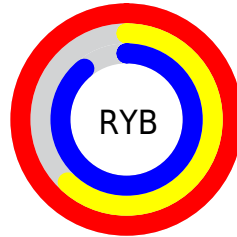
Distribution



Red (100%)

Green (62%)

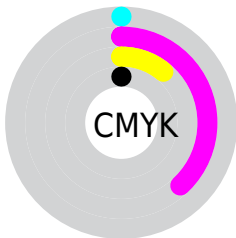
Blue (89%)



Red (100%)

Yellow (62%)

Blue (89%)

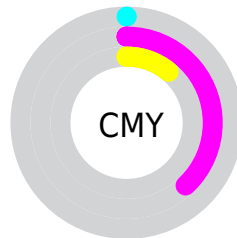


Cyan (0%)

Magenta (38%)

Yellow (11%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6023, 0.3406, 0.2604 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 51.6023, 0.3406, 0.2604 by changing the saturation by 10% instead.


 51.6023, 0.3406,
0.2604


 51.6023, 0.3406,
0.2604


392.8993, 0.3279,
0.2920

 36.6882, 0.3435,
0.2532


 92.5445, 0.3362,
0.2713

 24.9661, 0.3470,
0.2444

 119.3413, 0.3345,
0.2756

 16.0518, 0.3513,
0.2333


150.8678, 0.3330,
0.2793

 9.5608, 0.3570,
0.2190

187.5083, 0.3317,
0.2825

 5.1088, 0.3644,
0.1998

229.6474, 0.3306,
0.2853

 2.3112, 0.3746,
0.1729

277.6693, 0.3296,

 0.7796, 0.3895,

0.2878

0.1327

331.9585, 0.3287,
0.2900

0.0000, 0.4416,
0.0000

0.0000, 0.0000,
0.0000

51.6023, 0.3406,
0.2604

51.6023, 0.3406,
0.2604

43.3180, 0.3507,
0.2429

61.7176, 0.3316,
0.2789

36.7455, 0.3619,
0.2274

73.7595, 0.3238,
0.2975

31.7625, 0.3739,
0.2149

87.8254, 0.3171,
0.3157

28.2272, 0.3864,
0.2065

99.9954, 0.3127,
0.3290

■ 25.9728, 0.3988,
0.2031

■ 24.7792, 0.4108,
0.2045

■ 24.5756, 0.4136,
0.2052

Harmonies

Analogous

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



51.6023, 0.2748, 0.2339



51.6023, 0.3406, 0.2604



51.6023, 0.4042, 0.3016

Triad

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



51.6023, 0.3406, 0.2604



51.6023, 0.3995, 0.4390



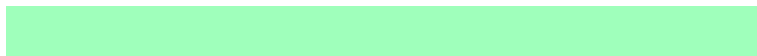
51.6023, 0.1994, 0.2858

Complementary

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



51.6023, 0.3406, 0.2604



82.4659, 0.2932, 0.4096

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.



51.6023, 0.2258, 0.3503



51.6023, 0.3406, 0.2604



51.6023, 0.3400, 0.4493

Square

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



51.6023, 0.3406, 0.2604



51.6023, 0.4379, 0.4000



51.6023, 0.2764, 0.4157



51.6023, 0.1995, 0.2435

Rectangle

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



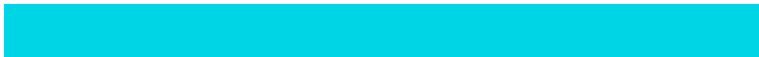
51.6023, 0.3406, 0.2604



51.6023, 0.4330, 0.3338



51.6023, 0.2764, 0.4157



51.6023, 0.2052, 0.3054

Sweetspot

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



51.6047, 0.3406, 0.2604



82.8751, 0.3193, 0.3096



42.4875, 0.2625, 0.2197



17.3247, 0.3201, 0.3072



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.



51.6047, 0.3406, 0.2604



45.3382, 0.3480, 0.2474



49.3468, 0.3853, 0.3074



18.2048, 0.3183, 0.3123



12.8714, 0.4117, 0.2042



1.2723, 0.3989, 0.1971

Inverse Universe

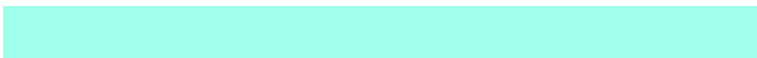
The Inverse Universe completely reimagines the original color for something new.



51.6047, 0.3406, 0.2604



45.3382, 0.3480, 0.2474



84.8290, 0.2698, 0.3524



18.2048, 0.3183, 0.3123



12.8714, 0.4117, 0.2042



1.2723, 0.3989, 0.1971

Previews

White Background



This preview shows how the Yxy color 51.6023, 0.3406, 0.2604 looks on a white background.

Color Contrast Check

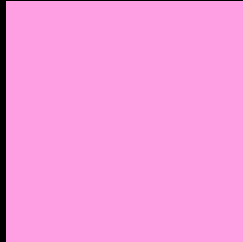
Large Text (above 18pt) WCAG AA × Fail

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 51.6023, 0.3406, 0.2604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

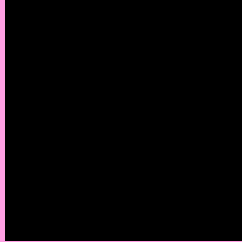
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.6023, 0.3406, 0.2604

Background



This preview shows how black text looks on a background with the Yxy color 51.6023, 0.3406, 0.2604.



This preview shows how white text looks on a background with the Yxy color 51.6023, 0.3406, 0.2604.

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

51.6023, 0.3406, 0.2604

Protanopia

51.8577, 0.2624, 0.2586

Deuteranopia

51.8611, 0.2925, 0.2862



Tritanopia

51.6655, 0.3769, 0.3153

Trichromacy



Original Color

51.6023, 0.3406, 0.2604



Protanomaly

50.5729, 0.2873, 0.2578



Deuteranomaly

51.0314, 0.3086, 0.2748



Tritanomaly

51.6829, 0.3635, 0.2945

Monochromacy



Original Color

51.6023, 0.3406, 0.2604



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

52.7126, 0.3225, 0.3003

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6023, 0.3406, 0.2604 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, 159, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 227)  
}
```

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, 159, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 227) }
```

Border

The CSS property to change the border of an element to Yxy 51.6023, 0.3406, 0.2604 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, 159, 227) }
```

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

```
.border{ border-color:rgb(255, 159, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 159, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6023, 0.3406, 0.2604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 227) }
```

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

```
.background{ background-color: rgb(255,  
159, 227) }
```

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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