

Converting Colors

Yxy(51.2826, 0.3097, 0.2326)

Have a look what the booklet for
Yxy(51.2826, 0.3097, 0.2326)
contains.

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Color

Yxy(51.2665, 0.3097, 0.2326)

Conversions

Conversions Part 1

Format	Color
Hex	F69EFF
RGB	246, 158, 255
RGB Percent	96%, 62%, 100%
CMY	0.0356, 0.3802, 0.0001
CMYK	0.04, 0.38, 0.00, 0.00
HSL	294°, 100%, 81%
HSV	294°, 38%, 100%
XYZ	68.2598, 51.2665, 100.8800
YIQ	195.3700, 21.3110, 48.8230

Conversions

Conversions Part 2

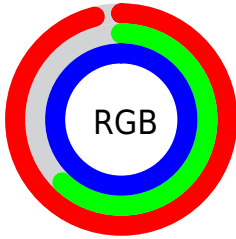
Format	Color
R _Y B	246, 158, 255
Decimal	16162559
CIE Lab	76.84, 47.59, -34.91
CIE LCh	77, 59.016, 323.740
Yxy	51.2665, 0.3097, 0.2326
Android (android.graphics.Color)	4294352639 (0xFFFF69EFF)
YUV	195.3700, 29.3976, 44.4025
Hunter-Lab	71.6006, 44.8703, -33.4148

Details

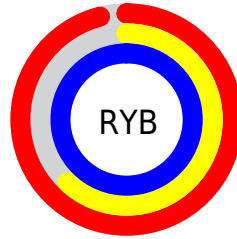
The Yxy color **51.2665, 0.3097, 0.2326** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **82.1972, 0.3124, 0.4437**, and the grayscale version is **54.6193, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.5731, 0.3146, 0.2891**, and **24.6692, 0.3071, 0.2111** is the 20% darker color. If you saturate the color by 10%, you get **43.0236, 0.3082, 0.2088**, and if you desaturate by 10%, it is **61.3238, 0.3109, 0.2579**.

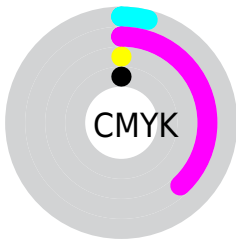
Distribution



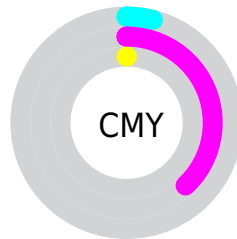
- Red (96%)
- Green (62%)
- Blue (100%)



- Red (96%)
- Yellow (62%)
- Blue (100%)



- Cyan (4%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.2665, 0.3097, 0.2326 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 51.2665, 0.3097, 0.2326 by changing the saturation by 10% instead.


 51.2665, 0.3097,
0.2326

 51.2665, 0.3097,
0.2326

391.5983, 0.3126,
0.2758

 36.4207, 0.3087,
0.2231


 92.0486, 0.3110,
0.2473

 24.7593, 0.3073,
0.2117


 118.7537, 0.3114,
0.2531

 15.8978, 0.3052,
0.1976


150.1807, 0.3117,
0.2581

 9.4519, 0.3020,
0.1798

186.7141, 0.3120,
0.2625

 5.0371, 0.2970,
0.1570

228.7381, 0.3122,
0.2665

 2.2690, 0.2882,
0.1271

276.6372, 0.3124,

 0.7572, 0.2721,

0.2699

0.0870

330.7958, 0.3125,
0.2730

0.0000, 0.2471,
0.0000

0.0000, 0.0000,
0.0000

51.2665, 0.3097,
0.2326

51.2665, 0.3097,
0.2326

43.0236, 0.3082,
0.2088

61.3238, 0.3109,
0.2579

36.4760, 0.3065,
0.1874

73.2916, 0.3118,
0.2837

31.5009, 0.3045,
0.1696

87.2671, 0.3124,
0.3092

27.9561, 0.3023,
0.1559

99.9981, 0.3127,
0.3290

■ 25.6737, 0.3000,
0.1468

■ 24.4263, 0.2976,
0.1418

■ 24.2375, 0.2971,
0.1410

Harmonies

Analogous

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



51.2665, 0.2386, 0.2112



51.2665, 0.3097, 0.2326



51.2665, 0.3916, 0.2734

Triad

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



51.2665, 0.3097, 0.2326



51.2665, 0.4385, 0.4398



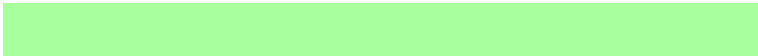
51.2665, 0.1884, 0.3063

Complementary

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



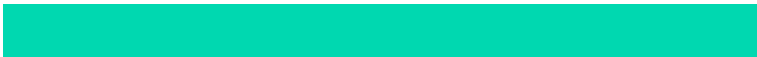
51.2665, 0.3097, 0.2326



82.1972, 0.3124, 0.4437

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.



51.2665, 0.2314, 0.3916



51.2665, 0.3097, 0.2326



51.2665, 0.3753, 0.4745

Square

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



51.2665, 0.3097, 0.2326



51.2665, 0.4699, 0.3847



51.2665, 0.2995, 0.4607



51.2665, 0.1763, 0.2439

Rectangle

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



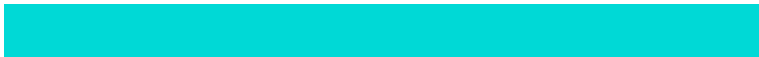
51.2665, 0.3097, 0.2326



51.2665, 0.4374, 0.3079



51.2665, 0.2995, 0.4607



51.2665, 0.1993, 0.3335

Sweetspot

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



51.2687, 0.3097, 0.2326



82.8979, 0.3122, 0.3017



42.4024, 0.2442, 0.2245



17.3300, 0.3121, 0.2982



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.



51.2687, 0.3097, 0.2326



44.5542, 0.3086, 0.2134



50.6935, 0.3505, 0.2697



18.2092, 0.3123, 0.3055



12.7033, 0.2975, 0.1413



1.2610, 0.3003, 0.1428

Inverse Universe

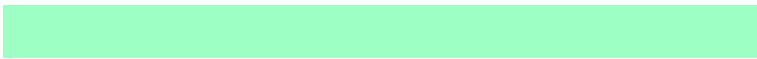
The Inverse Universe completely reimagines the original color for something new.



48.5186, 0.3983, 0.3197



41.5096, 0.4265, 0.3180



82.7983, 0.2877, 0.3976



18.0146, 0.3280, 0.3268



11.1520, 0.6298, 0.3243



1.0947, 0.6096, 0.3132

Previews

White Background



This preview shows how the Yxy color 51.2665, 0.3097, 0.2326 looks on a white background.

Color Contrast Check

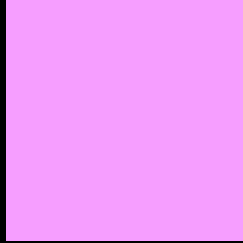
Large Text (above 18pt) WCAG AA × Fail

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 51.2665, 0.3097, 0.2326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

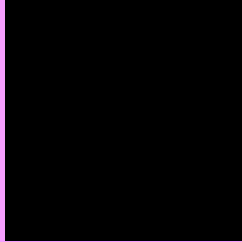
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.2665, 0.3097, 0.2326

Background



This preview shows how black text looks on a background with the Yxy color 51.2665, 0.3097, 0.2326.



This preview shows how white text looks on a background with the Yxy color 51.2665, 0.3097, 0.2326.

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

51.2665, 0.3097, 0.2326

Protanopia

51.7325, 0.2552, 0.2509

Deuteranopia

51.6729, 0.2617, 0.2555



Tritanopia

51.4368, 0.3593, 0.3147

Trichromacy



Original Color

51.2665, 0.3097, 0.2326



Protanomaly

50.6700, 0.2729, 0.2423



Deuteranomaly

50.4965, 0.2769, 0.2445

Tritanomaly

51.2337, 0.3405, 0.2828

Monochromacy



Original Color

51.2665, 0.3097, 0.2326



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

52.7618, 0.3121, 0.2890

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2665, 0.3097, 0.2326 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(246, 158, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 158, 255)  
}
```

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(246, 158, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 158, 255) }
```

Border

The CSS property to change the border of an element to Yxy 51.2665, 0.3097, 0.2326 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(246, 158, 255) }
```

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

```
.border{ border-color:rgb(246, 158, 255) }
```

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

Here you see how a box with a 4 pixel rgb(246, 158, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 158, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 158, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 158,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2665, 0.3097, 0.2326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 158, 255) }
```

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

```
.background{ background-color: rgb(246,  
158, 255) }
```

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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