

Converting Colors

Yxy(50.9264, 0.3185, 0.2421)

Have a look what the booklet for
Yxy(50.9264, 0.3185, 0.2421)
contains.

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Color

Yxy(51.1630, 0.3185, 0.2423)

Conversions

Conversions Part 1

Format	Color
Hex	F79FF5
RGB	247, 159, 245
RGB Percent	97%, 62%, 96%
CMY	0.0312, 0.3766, 0.0391
CMYK	0.00, 0.36, 0.01, 0.03
HSL	301°, 85%, 80%
HSV	301°, 36%, 97%
XYZ	67.2531, 51.1630, 92.7395
YIQ	195.1160, 24.8420, 45.4020

Conversions

Conversions Part 2

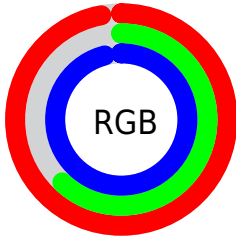
Format	Color
RYB	247, 159, 245
Decimal	16228341
CIELab	76.78, 45.64, -29.62
CIElCh	77, 54.413, 327.018
Yxy	51.1630, 0.3185, 0.2423
Android (android.graphics.Color)	4294418421 (0xFFFF79FF5)
YUV	195.1160, 24.5928, 45.5023
Hunter-Lab	71.5283, 42.6565, -26.8022

Details

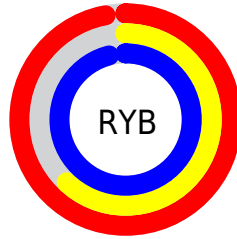
The Yxy color **51.1630, 0.3185, 0.2423** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **76.4927, 0.3066, 0.4343**, and the grayscale version is **54.4869, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0809, 0.3145, 0.2900**, and **24.5528, 0.3188, 0.2229** is the 20% darker color. If you saturate the color by 10%, you get **43.4680, 0.3202, 0.2197**, and if you desaturate by 10%, it is **60.5604, 0.3168, 0.2664**.

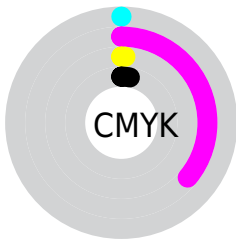
Distribution



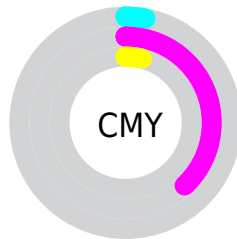
- Red (97%)
- Green (62%)
- Blue (96%)



- Red (97%)
- Yellow (62%)
- Blue (96%)



- Cyan (0%)
- Magenta (36%)
- Yellow (1%)
- Black (3%)





- Cyan (3%)
- Magenta (38%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.1630, 0.3185, 0.2423 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 51.1630, 0.3185, 0.2423 by changing the saturation by 10% instead.

 51.1630, 0.3185,
0.2423

 51.1630, 0.3185,
0.2423

391.1967, 0.3169,
0.2816

 36.3383, 0.3186,
0.2336


 91.8957, 0.3182,
0.2557

 24.6956, 0.3185,
0.2230


 118.5725, 0.3180,
0.2610

 15.8504, 0.3183,
0.2098


149.9688, 0.3178,
0.2656

 9.4184, 0.3175,
0.1930

186.4690, 0.3176,
0.2696

 5.0151, 0.3158,
0.1711

228.4575, 0.3174,
0.2731

 2.2561, 0.3120,
0.1417

276.3187, 0.3172,

 0.7503, 0.3031,

0.2763

330.4370, 0.3171,
0.2791

0.1005

0.0000, 0.2924,
0.0000

0.0000, 0.0000,
0.0000

51.1630, 0.3185,
0.2423

51.1630, 0.3185,
0.2423

43.4680, 0.3202,
0.2197

60.5604, 0.3168,
0.2664

37.3668, 0.3218,
0.1997

71.7467, 0.3151,
0.2911

32.7491, 0.3233,
0.1830


84.8106, 0.3136,
0.3155


29.4879, 0.3246,
0.1705


98.0366, 0.3122,
0.3365

 27.4344, 0.3257,
0.1623

 98.0717, 0.3119,
0.3359


 26.4052, 0.3265,
0.1583

 98.1069, 0.3116,
0.3354

 26.1568, 0.3268,
0.1574

 98.1422, 0.3112,
0.3348

 98.1776, 0.3109,
0.3343

 98.2131, 0.3106,
0.3337

Harmonies

Analogous

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



51.1630, 0.2502, 0.2199



51.1630, 0.3185, 0.2423



51.1630, 0.3934, 0.2824

Triad

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



51.1630, 0.3185, 0.2423



51.1630, 0.4250, 0.4378



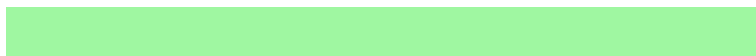
51.1630, 0.1942, 0.3011

Complementary

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



51.1630, 0.3185, 0.2423



76.4927, 0.3066, 0.4343

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.



51.1630, 0.2318, 0.3780



51.1630, 0.3185, 0.2423



51.1630, 0.3645, 0.4644

Square

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



51.1630, 0.3185, 0.2423



51.1630, 0.4573, 0.3883



51.1630, 0.2937, 0.4445



51.1630, 0.1855, 0.2459

Rectangle

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



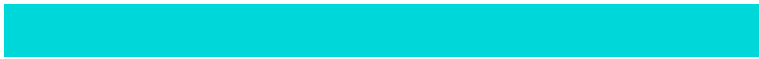
51.1630, 0.3185, 0.2423



51.1630, 0.4332, 0.3158



51.1630, 0.2937, 0.4445



51.1630, 0.2036, 0.3254

Sweetspot

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



51.1653, 0.3185, 0.2423



83.3495, 0.3144, 0.3025



39.0257, 0.2486, 0.2217



17.4385, 0.3146, 0.2991



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.



51.1653, 0.3185, 0.2423



48.6770, 0.3198, 0.2254



48.8136, 0.3569, 0.2838



16.7614, 0.3142, 0.3062



13.8304, 0.3267, 0.1574



1.2176, 0.3259, 0.1569

Inverse Universe

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



51.1653, 0.3185, 0.2423



48.6770, 0.3198, 0.2254



78.3023, 0.2837, 0.3796



16.7614, 0.3142, 0.3062



13.8304, 0.3267, 0.1574



1.2176, 0.3259, 0.1569

Previews

White Background



This preview shows how the Yxy color 51.1630, 0.3185, 0.2423 looks on a white background.

Color Contrast Check

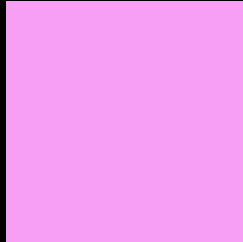
Large Text (above 18pt) WCAG AA × Fail

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 51.1630, 0.3185, 0.2423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

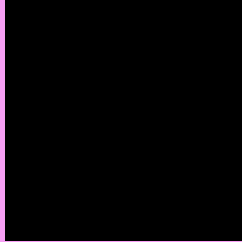
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.1630, 0.3185, 0.2423

Background



This preview shows how black text looks on a background with the Yxy color 51.1630, 0.3185, 0.2423.



This preview shows how white text looks on a background with the Yxy color 51.1630, 0.3185, 0.2423.

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

51.1630, 0.3185, 0.2423

Protanopia

51.7325, 0.2552, 0.2509

Deuteranopia

51.3542, 0.2717, 0.2654



Tritanopia

50.9372, 0.3634, 0.3148

Trichromacy



Original Color

51.1630, 0.3185, 0.2423



Protanomaly

50.4151, 0.2754, 0.2461



Deuteranomaly

50.5833, 0.2874, 0.2550



Tritanomaly

50.9709, 0.3468, 0.2871

Monochromacy



Original Color

51.1630, 0.3185, 0.2423



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

52.5561, 0.3152, 0.2934

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1630, 0.3185, 0.2423 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(247, 159, 245)` looks like.

```
.text, #text, p{  
    color:rgb(247, 159, 245)  
}
```

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(247, 159, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 159, 245) }
```

Border

The CSS property to change the border of an element to Yxy 51.1630, 0.3185, 0.2423 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(247, 159, 245) }
```

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

```
.border{ border-color:rgb(247, 159, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 159, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 159, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 159, 245);  
box-shadow:4px 4px 4px 4px rgb(247, 159,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1630, 0.3185, 0.2423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 159, 245) }
```

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

```
.background{ background-color: rgb(247,  
159, 245) }
```

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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