

Converting Colors

$Y_{xy}(57.2832, 0.3555, 0.2470)$

Have a look what the booklet for
Yxy(57.2832, 0.3555, 0.2470)
contains.

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Color

Yxy(50.2481, 0.3265, 0.2385)

Conversions

Conversions Part 1

Format	Color
Hex	FF98F4
RGB	255, 152, 244
RGB Percent	100%, 60%, 96%
CMY	0.0001, 0.4038, 0.0432
CMYK	0.00, 0.40, 0.04, 0.00
HSL	306°, 100%, 80%
HSV	306°, 40%, 100%
XYZ	68.7883, 50.2481, 91.6475
YIQ	193.2850, 31.8560, 50.4480

Conversions

Conversions Part 2

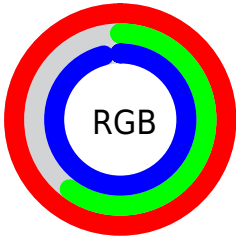
Format	Color
R_{YB}	255, 152, 244
Decimal	16750836
CIE _{Lab}	76.22, 51.41, -29.83
CIE _{LCh}	76, 59.437, 329.872
Yxy	50.2481, 0.3265, 0.2385
Android (android.graphics.Color)	4294940916 (0xFFFF98F4)
YUV	193.2850, 25.0025, 54.1241
Hunter-Lab	70.8859, 49.1676, -27.0352

Details

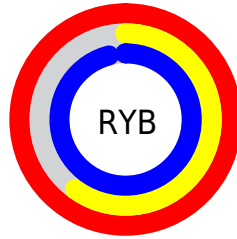
The Yxy color **50.2481, 0.3265, 0.2385** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **80.8273, 0.3015, 0.4405**, and the grayscale version is **53.3432, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5918, 0.3149, 0.2831**, and **24.2365, 0.3284, 0.2183** is the 20% darker color. If you saturate the color by 10%, you get **42.6786, 0.3306, 0.2182**, and if you desaturate by 10%, it is **59.6034, 0.3226, 0.2605**.

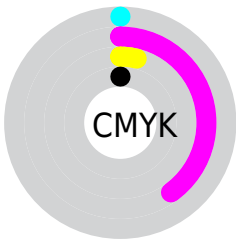
Distribution



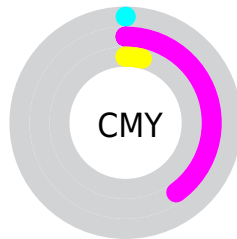
- Red (100%)
- Green (60%)
- Blue (96%)



- Red (100%)
- Yellow (60%)
- Blue (96%)



- Cyan (0%)
- Magenta (40%)
- Yellow (4%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2481, 0.3265, 0.2385 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 50.2481, 0.3265, 0.2385 by changing the saturation by 10% instead.


 50.2481, 0.3265,
0.2385


 50.2481, 0.3265,
0.2385


387.6354, 0.3212,
0.2794

 35.6106, 0.3274,
0.2295


 90.5424, 0.3249,
0.2525

 24.1336, 0.3284,
0.2185


 116.9679, 0.3242,
0.2580

 15.4327, 0.3295,
0.2048


148.0915, 0.3236,
0.2627

 9.1237, 0.3305,
0.1876

184.2977, 0.3230,
0.2669

 4.8219, 0.3311,
0.1651

225.9708, 0.3225,
0.2706

 2.1432, 0.3304,
0.1352

273.4951, 0.3220,

 0.6887, 0.3268,

0.2739

0.0928

327.2552, 0.3216,
0.2768

0.0000, 0.3232,
0.0000

0.0000, 0.0000,
0.0000

50.2481, 0.3265,
0.2385

50.2481, 0.3265,
0.2385

42.6786, 0.3306,
0.2182

59.6034, 0.3226,
0.2605

36.7732, 0.3349,
0.2006

70.8427, 0.3190,
0.2833

32.4054, 0.3391,
0.1866

84.0649, 0.3157,
0.3061

29.4281, 0.3432,
0.1769

99.3600, 0.3128,
0.3282

■ 27.6651, 0.3470,
0.1717

99.9954, 0.3127,
0.3290

■ 26.8431, 0.3504,
0.1704

Harmonies

Analogous

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



50.2481, 0.2505, 0.2125



50.2481, 0.3265, 0.2385



50.2481, 0.4084, 0.2829

Triad

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



50.2481, 0.3265, 0.2385



50.2481, 0.4288, 0.4507



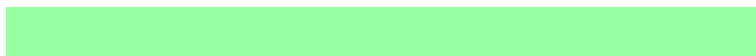
50.2481, 0.1820, 0.2904

Complementary

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



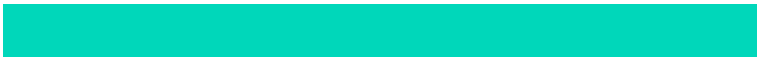
50.2481, 0.3265, 0.2385



80.8273, 0.3015, 0.4405

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.



50.2481, 0.2189, 0.3744



50.2481, 0.3265, 0.2385



50.2481, 0.3606, 0.4785

Square

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



50.2481, 0.3265, 0.2385



50.2481, 0.4689, 0.3971



50.2481, 0.2837, 0.4523



50.2481, 0.1759, 0.2339

Rectangle

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



50.2481, 0.3265, 0.2385



50.2481, 0.4499, 0.3190



50.2481, 0.2837, 0.4523



50.2481, 0.1908, 0.3162

Sweetspot

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



50.2504, 0.3265, 0.2385



81.7979, 0.3162, 0.3024



37.3976, 0.2443, 0.2065



17.1229, 0.3166, 0.2995



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.



50.2504, 0.3265, 0.2385



44.3324, 0.3296, 0.2228



47.5791, 0.3738, 0.2863



18.2650, 0.3154, 0.3080



14.0426, 0.3499, 0.1701



1.3765, 0.3461, 0.1680

Inverse Universe

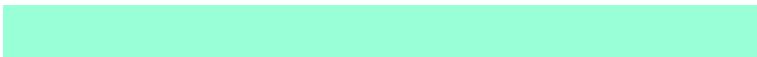
The Inverse Universe completely reimagines the original color for something new.



50.2504, 0.3265, 0.2385



44.3324, 0.3296, 0.2228



83.0269, 0.2763, 0.3771



18.2650, 0.3154, 0.3080



14.0426, 0.3499, 0.1701



1.3765, 0.3461, 0.1680

Previews

White Background



This preview shows how the Yxy color 50.2481, 0.3265, 0.2385 looks on a white background.

Color Contrast Check

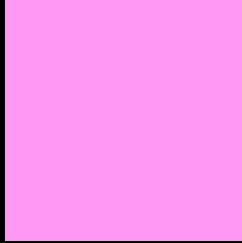
Large Text (above 18pt) WCAG AA × Fail

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 50.2481, 0.3265, 0.2385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

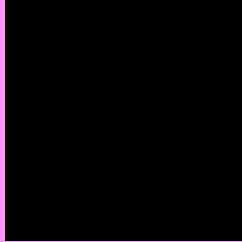
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.2481, 0.3265, 0.2385

Background



This preview shows how black text looks on a background with the Yxy color 50.2481, 0.3265, 0.2385.



This preview shows how white text looks on a background with the Yxy color 50.2481, 0.3265, 0.2385.

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

50.2481, 0.3265, 0.2385

Protanopia

50.6626, 0.2536, 0.2483

Deuteranopia

50.6947, 0.2722, 0.2662



Tritanopia

50.2609, 0.3777, 0.3162

Trichromacy



Original Color

50.2481, 0.3265, 0.2385



Protanomaly

49.5165, 0.2767, 0.2430



Deuteranomaly

49.5883, 0.2902, 0.2539



Tritanomaly

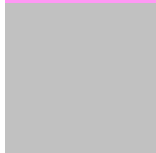
50.0780, 0.3587, 0.2859

Monochromacy



Original Color

50.2481, 0.3265, 0.2385



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

51.1932, 0.3179, 0.2900

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2481, 0.3265, 0.2385 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, 152, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 152, 244)  
}
```

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, 152, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 244) }
```

Border

The CSS property to change the border of an element to Yxy 50.2481, 0.3265, 0.2385 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, 152, 244) }
```

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

```
.border{ border-color:rgb(255, 152, 244) }
```

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

Here you see how a box with a 4 pixel rgb(255, 152, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 152, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 152, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 152,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2481, 0.3265, 0.2385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 152, 244) }
```

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

```
.background{ background-color: rgb(255,  
152, 244) }
```

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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