

Converting Colors

$Yxy(85.9524, 0.4574, 0.2938)$

Have a look what the booklet for
Yxy(85.9524, 0.4574, 0.2938)
contains.

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Color

Yxy(50.8604, 0.3533, 0.2737)

Conversions

Conversions Part 1

Format	Color
Hex	FF9FD5
RGB	255, 159, 213
RGB Percent	100%, 62%, 84%
CMY	0.0000, 0.3765, 0.1647
CMYK	0.00, 0.38, 0.16, 0.00
HSL	326°, 100%, 81%
HSV	326°, 38%, 100%
XYZ	65.6521, 50.8604, 69.3129
YIQ	193.8600, 39.8820, 37.1460

Conversions

Conversions Part 2

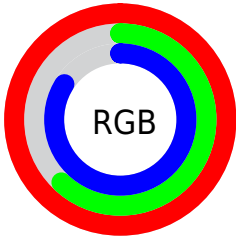
Format	Color
R_{YB}	255, 159, 213
Decimal	16752597
CIE _{Lab}	76.59, 42.87, -12.40
CIE _{LCh}	77, 44.628, 343.866
Yxy	50.8604, 0.3533, 0.2737
Android (android.graphics.Color)	4294942677 (0xFFFF9FD5)
YUV	193.8600, 9.4360, 53.6198
Hunter-Lab	71.3165, 39.5186, -7.7027

Details

The Yxy color $50.8604, 0.3533, 0.2737$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $83.1075, 0.2861, 0.3924$, and the grayscale version is $53.7866, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.0809, 0.3145, 0.2900$, and $24.6470, 0.3643, 0.2614$ is the 20% darker color. If you saturate the color by 10%, you get $42.4295, 0.3689, 0.2594$, and if you desaturate by 10%, it is $61.1395, 0.3398, 0.2887$.

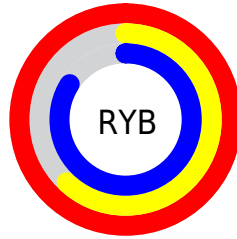
Distribution



Red (100%)

Green (62%)

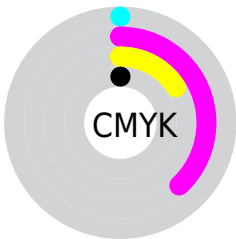
Blue (84%)



Red (100%)

Yellow (62%)

Blue (84%)

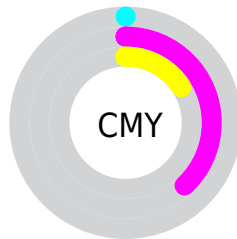


Cyan (0%)

Magenta (38%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (38%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.8604, 0.3533, 0.2737 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 50.8604, 0.3533, 0.2737 by changing the saturation by 10% instead.


 50.8604, 0.3533,
0.2737

 50.8604, 0.3533,
0.2737


390.0212, 0.3339,
0.2997

 36.0975, 0.3579,
0.2677


 91.4484, 0.3465,
0.2828

 24.5095, 0.3636,
0.2602


 118.0423, 0.3438,
0.2863

 15.7120, 0.3709,
0.2507


149.3486, 0.3416,
0.2893

 9.3206, 0.3807,
0.2382

185.7519, 0.3397,
0.2919

 4.9509, 0.3944,
0.2211

227.6363, 0.3380,
0.2942

 2.2185, 0.4149,
0.1963

275.3864, 0.3365,

 0.7300, 0.4491,

0.2962

0.1563

329.3866, 0.3351,
0.2980

0.0000, 0.6012,
0.0000

0.0000, 0.0000,
0.0000

50.8604, 0.3533,
0.2737

50.8604, 0.3533,
0.2737

42.4295, 0.3689,
0.2594

61.1395, 0.3398,
0.2887

35.7334, 0.3866,
0.2468

73.3693, 0.3285,
0.3038

30.6471, 0.4062,
0.2372

87.6458, 0.3189,
0.3184

27.0280, 0.4269,
0.2317

100.0000, 0.3127,
0.3290

■ 24.7088, 0.4480,
0.2313

■ 23.4682, 0.4684,
0.2364

■ 23.2572, 0.4732,
0.2380

Harmonies

Analogous

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



50.8604, 0.2916, 0.2452



50.8604, 0.3533, 0.2737



50.8604, 0.4073, 0.3145

Triad

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



50.8604, 0.3533, 0.2737



50.8604, 0.3814, 0.4353



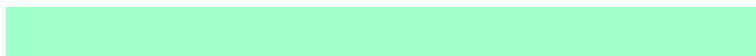
50.8604, 0.2057, 0.2785

Complementary

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



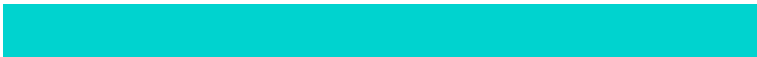
50.8604, 0.3533, 0.2737



83.1075, 0.2861, 0.3924

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.



50.8604, 0.2247, 0.3338



50.8604, 0.3533, 0.2737



50.8604, 0.3244, 0.4347

Square

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



50.8604, 0.3533, 0.2737



50.8604, 0.4221, 0.4052



50.8604, 0.2671, 0.3952



50.8604, 0.2115, 0.2447

Rectangle

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



50.8604, 0.3533, 0.2737



50.8604, 0.4284, 0.3453



50.8604, 0.2671, 0.3952



50.8604, 0.2093, 0.2949

Sweetspot

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



50.8606, 0.3533, 0.2737



82.6256, 0.3219, 0.3136



44.3781, 0.2734, 0.2229



17.2652, 0.3232, 0.3116



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.



50.8606, 0.3533, 0.2737



44.4878, 0.3646, 0.2631



48.7872, 0.3997, 0.3225



18.1583, 0.3206, 0.3157



12.1829, 0.4700, 0.2363



1.2082, 0.4482, 0.2243

Inverse Universe

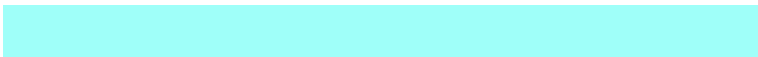
The Inverse Universe completely reimagines the original color for something new.



50.8606, 0.3533, 0.2737



44.4878, 0.3646, 0.2631



85.7055, 0.2630, 0.3360



18.1583, 0.3206, 0.3157



12.1829, 0.4700, 0.2363



1.2082, 0.4482, 0.2243

Previews

White Background



This preview shows how the Yxy color 50.8604, 0.3533, 0.2737 looks on a white background.

Color Contrast Check

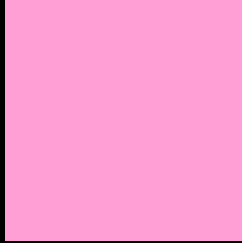
Large Text (above 18pt) WCAG AA × Fail

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 50.8604, 0.3533, 0.2737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

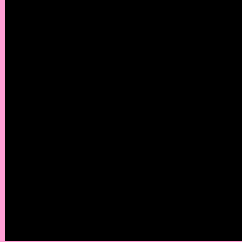
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.8604, 0.3533, 0.2737

Background



This preview shows how black text looks on a background with the Yxy color 50.8604, 0.3533, 0.2737.



This preview shows how white text looks on a background with the Yxy color 50.8604, 0.3533, 0.2737.

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

50.8604, 0.3533, 0.2737

Protanopia

51.3763, 0.2748, 0.2761

Deuteranopia

51.0265, 0.3059, 0.2990



Tritanopia

50.9960, 0.3813, 0.3164

Trichromacy



Original Color

50.8604, 0.3533, 0.2737



Protanomaly

50.1459, 0.3005, 0.2737



Deuteranomaly

50.3732, 0.3223, 0.2890



Tritanomaly

50.6514, 0.3705, 0.2996

Monochromacy



Original Color

50.8604, 0.3533, 0.2737



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

51.8637, 0.3266, 0.3058

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8604, 0.3533, 0.2737 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 213) }
```

Border

The CSS property to change the border of an element to Yxy 50.8604, 0.3533, 0.2737 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, 213) }
```

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

```
.border{ border-color:rgb(255, 159, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8604, 0.3533, 0.2737 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, 213) }
```

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

```
.background{ background-color: rgb(255,  
159, 213) }
```

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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