

Converting Colors

Yxy(51.7847, 0.3709, 0.2855)

Have a look what the booklet for
Yxy(51.7847, 0.3709, 0.2855)
contains.

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Color

Yxy(50.3205, 0.3636, 0.2846)

Conversions

Conversions Part 1

Format	Color
Hex	FF9FCA
RGB	255, 159, 202
RGB Percent	100%, 62%, 79%
CMY	0.0001, 0.3764, 0.2078
CMYK	0.00, 0.38, 0.21, 0.00
HSL	333°, 100%, 81%
HSV	333°, 38%, 100%
XYZ	64.2886, 50.3205, 62.2022
YIQ	192.6060, 43.4130, 33.7250

Conversions

Conversions Part 2

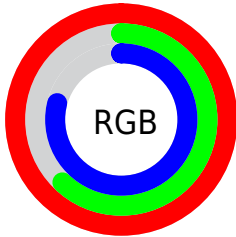
Format	Color
RYB	255, 159, 202
Decimal	16752586
CIELab	76.27, 41.21, -6.87
CIELCh	76, 41.776, 350.532
Yxy	50.3205, 0.3636, 0.2846
Android (android.graphics.Color)	4294942666 (0xFFFF9FCA)
YUV	192.6060, 4.6312, 54.7195
Hunter-Lab	70.9369, 37.6310, -2.3335

Details

The Yxy color **50.3205, 0.3636, 0.2846** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.6229, 0.2806, 0.3789**, and the grayscale version is **53.0406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0809, 0.3145, 0.2900**, and **24.3165, 0.3776, 0.2739** is the 20% darker color. If you saturate the color by 10%, you get **41.8014, 0.3839, 0.2731**, and if you desaturate by 10%, it is **60.7136, 0.3464, 0.2967**.

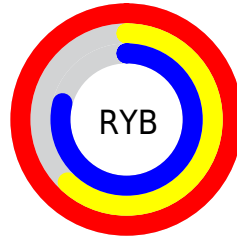
Distribution



Red (100%)

Green (62%)

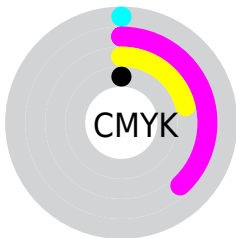
Blue (79%)



Red (100%)

Yellow (62%)

Blue (79%)

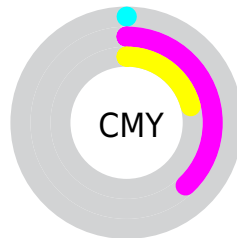


Cyan (0%)

Magenta (38%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3205, 0.3636, 0.2846 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 50.3205, 0.3636, 0.2846 by changing the saturation by 10% instead.


 50.3205, 0.3636,
0.2846


 50.3205, 0.3636,
0.2846

387.9180, 0.3389,
0.3058

 35.6681, 0.3696,
0.2796


 90.6496, 0.3548,
0.2921

 24.1780, 0.3771,
0.2733


 117.0950, 0.3514,
0.2950

 15.4657, 0.3869,
0.2652


148.2403, 0.3485,
0.2974

 9.1469, 0.4002,
0.2544

184.4699, 0.3461,
0.2996

 4.8371, 0.4193,
0.2393

226.1680, 0.3439,
0.3014

 2.1520, 0.4487,
0.2167

273.7191, 0.3420,

 0.6936, 0.5009,

0.3031

0.1770

327.5076, 0.3404,
0.3045

■ 0.0000, 0.9529,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.3205, 0.3636,
0.2846

■ 50.3205, 0.3636,
0.2846

■ 41.8014, 0.3839,
0.2731

■ 60.7136, 0.3464,
0.2967

■ 35.0356, 0.4073,
0.2632

■ 73.0775, 0.3321,
0.3089

■ 29.8993, 0.4334,
0.2561

■ 87.5109, 0.3203,
0.3205

■ 26.2494, 0.4614,
0.2531

99.9930, 0.3127,
0.3290

■ 23.9174, 0.4896,
0.2553

■ 22.6817, 0.5164,
0.2630

■ 22.4727, 0.5225,
0.2652

Harmonies

Analogous

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



50.3205, 0.3055, 0.2544



50.3205, 0.3636, 0.2846



50.3205, 0.4097, 0.3253

Triad

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



50.3205, 0.3636, 0.2846



50.3205, 0.3667, 0.4318



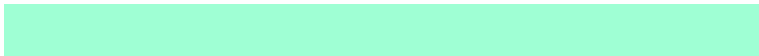
50.3205, 0.2107, 0.2727

Complementary

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



50.3205, 0.3636, 0.2846



83.6229, 0.2806, 0.3789

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.



50.3205, 0.2237, 0.3210



50.3205, 0.3636, 0.2846



50.3205, 0.3116, 0.4225

Square

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



50.3205, 0.3636, 0.2846



50.3205, 0.4095, 0.4092



50.3205, 0.2595, 0.3790



50.3205, 0.2214, 0.2454

Rectangle

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



50.3205, 0.3636, 0.2846



50.3205, 0.4247, 0.3549



50.3205, 0.2595, 0.3790



50.3205, 0.2123, 0.2867

Sweetspot

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



50.3229, 0.3636, 0.2846



82.4333, 0.3240, 0.3167



45.9893, 0.2821, 0.2255



17.2194, 0.3256, 0.3151



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.



50.3229, 0.3636, 0.2846



43.8797, 0.3782, 0.2760



50.2450, 0.4041, 0.3343



18.1223, 0.3224, 0.3184



11.7754, 0.5185, 0.2630



1.1682, 0.4904, 0.2475

Inverse Universe

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



50.3229, 0.3636, 0.2846



43.8797, 0.3782, 0.2760



83.0658, 0.2593, 0.3235



18.1223, 0.3224, 0.3184



11.7754, 0.5185, 0.2630



1.1682, 0.4904, 0.2475

Previews

White Background



This preview shows how the Yxy color 50.3205, 0.3636, 0.2846 looks on a white background.

Color Contrast Check

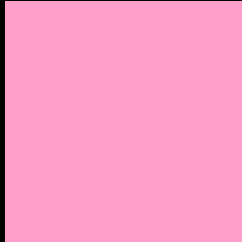
Large Text (above 18pt) WCAG AA × Fail

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 50.3205, 0.3636, 0.2846 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 50.3205, 0.3636, 0.2846

Background



This preview shows how black text looks on a background with the Yxy color 50.3205, 0.3636, 0.2846.



This preview shows how white text looks on a background with the Yxy color 50.3205, 0.3636, 0.2846.

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

50.3205, 0.3636, 0.2846

Protanopia

50.6530, 0.2848, 0.2886

Deuteranopia

50.6407, 0.3178, 0.3109



Tritanopia

50.3810, 0.3848, 0.3164

Trichromacy



Original Color

50.3205, 0.3636, 0.2846



Protanomaly

49.8037, 0.3113, 0.2870



Deuteranomaly

49.9252, 0.3343, 0.3003



Tritanomaly

50.2261, 0.3775, 0.3049

Monochromacy



Original Color

50.3205, 0.3636, 0.2846



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

51.6322, 0.3307, 0.3115

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3205, 0.3636, 0.2846 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 202) }
```

Border

The CSS property to change the border of an element to Yxy 50.3205, 0.3636, 0.2846 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, 202) }
```

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

```
.border{ border-color:rgb(255, 159, 202) }
```

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, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3205, 0.3636, 0.2846 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, 202) }
```

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

```
.background{ background-color: rgb(255,  
159, 202) }
```

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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