

Converting Colors

$Y_{xy}(50.3768, 0.3396, 0.2551)$

Have a look what the booklet for
Yxy(50.3768, 0.3396, 0.2551)
contains.

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Color

Yxy(50.3598, 0.3393, 0.2546)

Conversions

Conversions Part 1

Format	Color
Hex	FF9BE5
RGB	255, 155, 229
RGB Percent	100%, 61%, 90%
CMY	0.0000, 0.3922, 0.1019
CMYK	0.00, 0.39, 0.10, 0.00
HSL	316°, 100%, 80%
HSV	316°, 39%, 100%
XYZ	67.1134, 50.3598, 80.3265
YIQ	193.3360, 35.8460, 44.2140

Conversions

Conversions Part 2

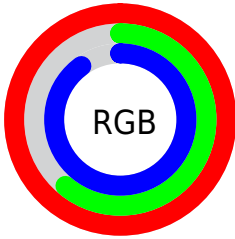
Format	Color
R_{YB}	255, 155, 229
Decimal	16751589
CIE _{Lab}	76.29, 47.44, -21.60
CIE _{LCh}	76, 52.124, 335.524
Yxy	50.3598, 0.3393, 0.2546
Android (android.graphics.Color)	4294941669 (0xFFFF9BE5)
YUV	193.3360, 17.5824, 54.0793
Hunter-Lab	70.9646, 44.6248, -17.4364

Details

The Yxy color **50.3598, 0.3393, 0.2546** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **81.8222, 0.2941, 0.4177**, and the grayscale version is **53.4113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0685, 0.3147, 0.2861**, and **24.1948, 0.3461, 0.2377** is the 20% darker color. If you saturate the color by 10%, you get **42.3846, 0.3485, 0.2367**, and if you desaturate by 10%, it is **60.1354, 0.3311, 0.2737**.

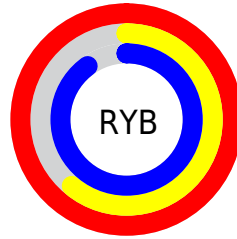
Distribution



Red (100%)

Green (61%)

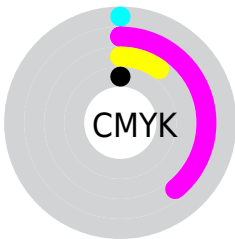
Blue (90%)



Red (100%)

Yellow (61%)

Blue (90%)

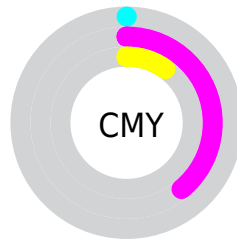


Cyan (0%)

Magenta (39%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3598, 0.3393, 0.2546 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 50.3598, 0.3393, 0.2546 by changing the saturation by 10% instead.


 50.3598, 0.3393,
0.2546


 50.3598, 0.3393,
0.2546


388.0713, 0.3273,
0.2888

 35.6994, 0.3419,
0.2469


 90.7077, 0.3352,
0.2664

 24.2021, 0.3452,
0.2374


 117.1640, 0.3336,
0.2710

 15.4836, 0.3492,
0.2255


148.3211, 0.3322,
0.2750

 9.1595, 0.3542,
0.2101

184.5633, 0.3310,
0.2785

 4.8454, 0.3607,
0.1896

226.2750, 0.3299,
0.2815

 2.1568, 0.3694,
0.1612

273.8406, 0.3289,

 0.6963, 0.3818,

0.2842

0.1183

327.6446, 0.3281,
0.2867

0.0000, 0.4187,
0.0000

0.0000, 0.0000,
0.0000

50.3598, 0.3393,
0.2546

50.3598, 0.3393,
0.2546

42.3846, 0.3485,
0.2367

60.1354, 0.3311,
0.2737

36.1044, 0.3585,
0.2210

71.8238, 0.3239,
0.2930

31.3892, 0.3690,
0.2086

85.5183, 0.3176,
0.3121

28.0943, 0.3798,
0.2005

100.0000, 0.3127,
0.3290

■ 26.0475, 0.3905,
0.1972

■ 24.9893, 0.4008,
0.1984

■ 24.9237, 0.4016,
0.1986

Harmonies

Analogous

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



50.3598, 0.2694, 0.2274



50.3598, 0.3393, 0.2546



50.3598, 0.4084, 0.2974

Triad

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



50.3598, 0.3393, 0.2546



50.3598, 0.4070, 0.4448



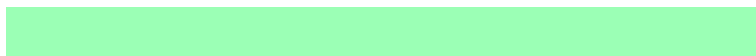
50.3598, 0.1928, 0.2846

Complementary

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



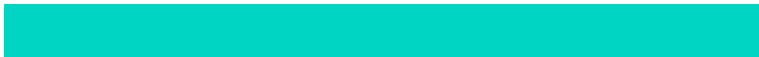
50.3598, 0.3393, 0.2546



81.8222, 0.2941, 0.4177

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.



50.3598, 0.2216, 0.3546



50.3598, 0.3393, 0.2546



50.3598, 0.3440, 0.4589

Square

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



50.3598, 0.3393, 0.2546



50.3598, 0.4473, 0.4016



50.3598, 0.2761, 0.4251



50.3598, 0.1921, 0.2389

Rectangle

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



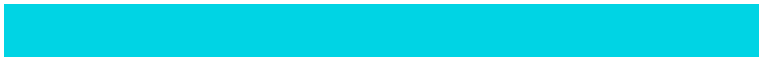
50.3598, 0.3393, 0.2546



50.3598, 0.4403, 0.3313



50.3598, 0.2761, 0.4251



50.3598, 0.1993, 0.3058

Sweetspot

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



50.3570, 0.3393, 0.2546



81.5051, 0.3193, 0.3069



40.3609, 0.2574, 0.2138



17.0536, 0.3201, 0.3044



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.



50.3570, 0.3393, 0.2546



44.0045, 0.3463, 0.2405



47.9936, 0.3863, 0.3030



18.2150, 0.3178, 0.3116



13.0489, 0.4000, 0.1977



1.2884, 0.3889, 0.1916

Inverse Universe

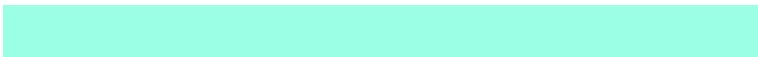
The Inverse Universe completely reimagines the original color for something new.



50.3570, 0.3393, 0.2546



44.0045, 0.3463, 0.2405



84.2004, 0.2699, 0.3575



18.2150, 0.3178, 0.3116



13.0489, 0.4000, 0.1977



1.2884, 0.3889, 0.1916

Previews

White Background



This preview shows how the Yxy color 50.3598, 0.3393, 0.2546 looks on a white background.

Color Contrast Check

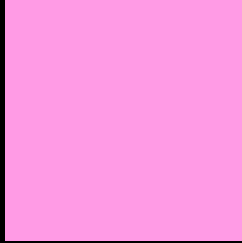
Large Text (above 18pt) WCAG AA × Fail

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 50.3598, 0.3393, 0.2546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

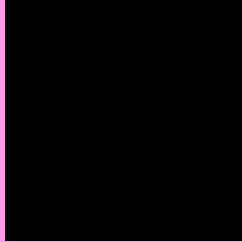
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.3598, 0.3393, 0.2546

Background



This preview shows how black text looks on a background with the Yxy color 50.3598, 0.3393, 0.2546.



This preview shows how white text looks on a background with the Yxy color 50.3598, 0.3393, 0.2546.

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

50.3598, 0.3393, 0.2546

Protanopia

50.6289, 0.2571, 0.2525

Deuteranopia

50.6099, 0.2879, 0.2812



Tritanopia

50.2644, 0.3798, 0.3152

Trichromacy



Original Color

50.3598, 0.3393, 0.2546



Protanomaly

49.5485, 0.2828, 0.2521



Deuteranomaly

49.6743, 0.3055, 0.2690



Tritanomaly

50.0302, 0.3644, 0.2912

Monochromacy



Original Color

50.3598, 0.3393, 0.2546



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

51.2954, 0.3227, 0.2978

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3598, 0.3393, 0.2546 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, 155, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 229)  
}
```

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, 155, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 229) }
```

Border

The CSS property to change the border of an element to Yxy 50.3598, 0.3393, 0.2546 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, 155, 229) }
```

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

```
.border{ border-color:rgb(255, 155, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 155, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 155, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 155, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 155,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3598, 0.3393, 0.2546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 229) }
```

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

```
.background{ background-color: rgb(255,  
155, 229) }
```

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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