

Converting Colors

Yxy(51.1912, 0.3597, 0.2829)

Have a look what the booklet for
Yxy(51.1912, 0.3597, 0.2829)
contains.

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Color

Yxy(51.2060, 0.3595, 0.2826)

Conversions

Conversions Part 1

Format	Color
Hex	FFA1CE
RGB	255, 161, 206
RGB Percent	100%, 63%, 81%
CMY	0.0000, 0.3687, 0.1921
CMYK	0.00, 0.37, 0.19, 0.00
HSL	331°, 100%, 82%
HSV	331°, 37%, 100%
XYZ	65.1400, 51.2060, 64.8501
YIQ	194.2360, 41.5790, 33.9230

Conversions

Conversions Part 2

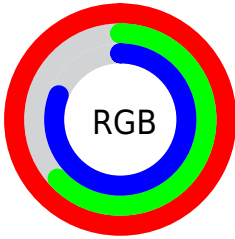
Format	Color
R _Y B	255, 161, 206
Decimal	16753102
CIE Lab	76.80, 40.82, -8.27
CIE LCh	77, 41.645, 348.551
Yxy	51.2060, 0.3595, 0.2826
Android (android.graphics.Color)	4294943182 (0xFFFFA1CE)
YUV	194.2360, 5.7997, 53.2900
Hunter-Lab	71.5584, 37.2624, -3.6409

Details

The Yxy color **51.2060, 0.3595, 0.2826** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.7463, 0.2826, 0.3812**, and the grayscale version is **54.0342, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1057, 0.3145, 0.2920**, and **24.8624, 0.3717, 0.2713** is the 20% darker color. If you saturate the color by 10%, you get **42.5597, 0.3782, 0.2702**, and if you desaturate by 10%, it is **61.7099, 0.3435, 0.2956**.

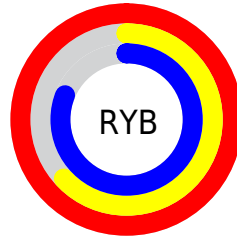
Distribution



Red (100%)

Green (63%)

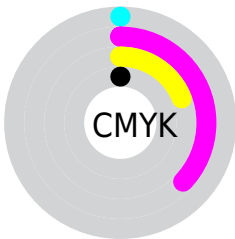
Blue (81%)



Red (100%)

Yellow (63%)

Blue (81%)

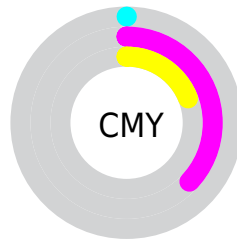


Cyan (0%)

Magenta (37%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (37%)


Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.2060, 0.3595, 0.2826 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 51.2060, 0.3595, 0.2826 by changing the saturation by 10% instead.

 51.2060, 0.3595,
0.2826

 51.2060, 0.3595,
0.2826


391.3636, 0.3369,
0.3046

 36.3726, 0.3649,
0.2774


 91.9592, 0.3515,
0.2903

 24.7221, 0.3717,
0.2710


 118.6478, 0.3484,
0.2933

 15.8701, 0.3806,
0.2627


150.0568, 0.3458,
0.2959

 9.4323, 0.3925,
0.2518

186.5708, 0.3435,
0.2981

 5.0242, 0.4094,
0.2365

228.5741, 0.3415,
0.3000

 2.2615, 0.4352,
0.2140

276.4510, 0.3398,

 0.7532, 0.4798,

0.3017

0.1765

330.5861, 0.3383,
0.3033

0.0000, 0.7741,
0.0000

0.0000, 0.0000,
0.0000

51.2060, 0.3595,
0.2826

51.2060, 0.3595,
0.2826

42.5597, 0.3782,
0.2702

61.7099, 0.3435,
0.2956

35.6797, 0.3998,
0.2594

74.1955, 0.3302,
0.3085

30.4340, 0.4240,
0.2513

88.7516, 0.3192,
0.3209

26.6812, 0.4499,
0.2473

100.0000, 0.3127,
0.3290

■ 24.2556, 0.4763,
0.2484

■ 22.9472, 0.5015,
0.2551

■ 22.6686, 0.5092,
0.2579

Harmonies

Analogous

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



51.2060, 0.3019, 0.2535



51.2060, 0.3595, 0.2826



51.2060, 0.4065, 0.3225

Triad

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



51.2060, 0.3595, 0.2826



51.2060, 0.3696, 0.4302



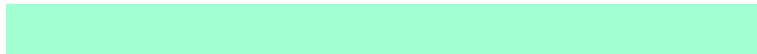
51.2060, 0.2116, 0.2758

Complementary

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



51.2060, 0.3595, 0.2826



83.7463, 0.2826, 0.3812

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.



51.2060, 0.2261, 0.3249



51.2060, 0.3595, 0.2826



51.2060, 0.3153, 0.4233

Square

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



51.2060, 0.3595, 0.2826



51.2060, 0.4107, 0.4064



51.2060, 0.2630, 0.3821



51.2060, 0.2207, 0.2472

Rectangle

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



51.2060, 0.3595, 0.2826



51.2060, 0.4229, 0.3518



51.2060, 0.2630, 0.3821



51.2060, 0.2138, 0.2902

Sweetspot

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



51.1989, 0.3595, 0.2826



82.4850, 0.3235, 0.3158



46.3387, 0.2804, 0.2270



17.2317, 0.3250, 0.3141



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.



51.1989, 0.3595, 0.2826



44.8551, 0.3725, 0.2737



49.8656, 0.4027, 0.3309



18.1320, 0.3219, 0.3177



11.8746, 0.5054, 0.2558



1.1781, 0.4788, 0.2411

Inverse Universe

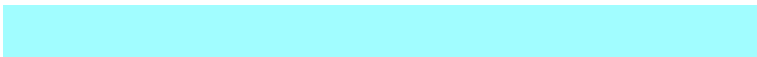
The Inverse Universe completely reimagines the original color for something new.



51.1989, 0.3595, 0.2826



44.8551, 0.3725, 0.2737



85.3191, 0.2607, 0.3271



18.1320, 0.3219, 0.3177



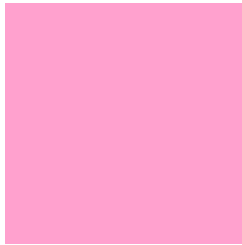
11.8746, 0.5054, 0.2558



1.1781, 0.4788, 0.2411

Previews

White Background



This preview shows how the Yxy color 51.2060, 0.3595, 0.2826 looks on a white background.

Color Contrast Check

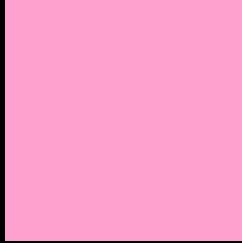
Large Text (above 18pt) WCAG AA × Fail

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 51.2060, 0.3595, 0.2826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

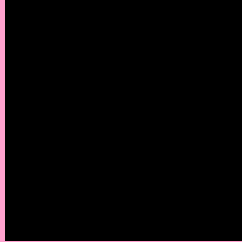
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.2060, 0.3595, 0.2826

Background



This preview shows how black text looks on a background with the Yxy color 51.2060, 0.3595, 0.2826.



This preview shows how white text looks on a background with the Yxy color 51.2060, 0.3595, 0.2826.

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

51.2060, 0.3595, 0.2826

Protanopia

51.4155, 0.2829, 0.2854

Deuteranopia

51.2418, 0.3146, 0.3074



Tritanopia

51.1822, 0.3822, 0.3164

Trichromacy



Original Color

51.2060, 0.3595, 0.2826



Protanomaly

50.4059, 0.3082, 0.2838



Deuteranomaly

50.8921, 0.3306, 0.2982



Tritanomaly

51.0644, 0.3741, 0.3039

Monochromacy



Original Color

51.2060, 0.3595, 0.2826



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

52.1320, 0.3289, 0.3104

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2060, 0.3595, 0.2826 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, 161, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 161, 206)  
}
```

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, 161, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 161, 206) }
```

Border

The CSS property to change the border of an element to Yxy 51.2060, 0.3595, 0.2826 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, 161, 206) }
```

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

```
.border{ border-color:rgb(255, 161, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 161, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 161, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 161, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 161,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2060, 0.3595, 0.2826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 161, 206) }
```

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

```
.background{ background-color: rgb(255,  
161, 206) }
```

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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