

Converting Colors

$Y_{xy}(73.5639, 0.4348, 0.2976)$

Have a look what the booklet for
Yxy(73.5639, 0.4348, 0.2976)
contains.

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Color

Yxy(51.8622, 0.3600, 0.2857)

Conversions

Conversions Part 1

Format	Color
Hex	FFA3CD
RGB	255, 163, 205
RGB Percent	100%, 64%, 80%
CMY	0.0001, 0.3607, 0.1961
CMYK	0.00, 0.36, 0.20, 0.00
HSL	333°, 100%, 82%
HSV	333°, 36%, 100%
XYZ	65.3496, 51.8622, 64.3149
YIQ	195.2960, 41.3500, 32.5660

Conversions

Conversions Part 2

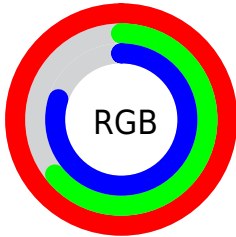
Format	Color
R _Y B	255, 163, 205
Decimal	16753613
CIE Lab	77.20, 39.59, -7.12
CIE LCh	77, 40.223, 349.802
Yxy	51.8622, 0.3600, 0.2857
Android (android.graphics.Color)	4294943693 (0xFFFFA3CD)
YUV	195.2960, 4.7841, 52.3604
Hunter-Lab	72.0154, 35.9510, -2.5394

Details

The Yxy color **51.8622, 0.3600, 0.2857** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.1005, 0.2821, 0.3774**, and the grayscale version is **54.7129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1430, 0.3144, 0.2940**, and **25.2565, 0.3724, 0.2751** is the 20% darker color. If you saturate the color by 10%, you get **43.0632, 0.3794, 0.2738**, and if you desaturate by 10%, it is **62.5506, 0.3436, 0.2981**.

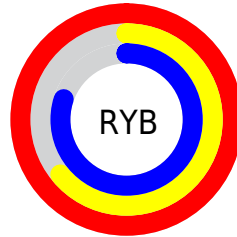
Distribution



Red (100%)

Green (64%)

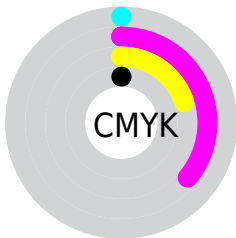
Blue (80%)



Red (100%)

Yellow (64%)

Blue (80%)

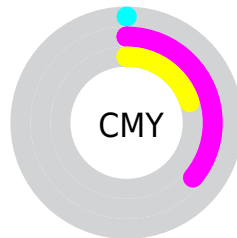


Cyan (0%)

Magenta (36%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8622, 0.3600, 0.2857 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 51.8622, 0.3600, 0.2857 by changing the saturation by 10% instead.

 51.8622, 0.3600,
0.2857


 51.8622, 0.3600,
0.2857


393.9044, 0.3371,
0.3063

 36.8952, 0.3655,
0.2809


 92.9280, 0.3519,
0.2930

 25.1264, 0.3724,
0.2748


 119.7956, 0.3488,
0.2957

 16.1713, 0.3813,
0.2671

151.3989, 0.3461,
0.2981

 9.6454, 0.3935,
0.2567

188.1223, 0.3438,
0.3002

 5.1645, 0.4107,
0.2423

230.3501, 0.3418,
0.3020

 2.3441, 0.4370,
0.2210

278.4668, 0.3401,

 0.7969, 0.4822,

0.3036

0.1858

332.8568, 0.3385,
0.3050

■ 0.0000, 0.8074,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.8622, 0.3600,
0.2857

■ 51.8622, 0.3600,
0.2857

■ 43.0632, 0.3794,
0.2738

■ 62.5506, 0.3436,
0.2981

■ 36.0346, 0.4019,
0.2634

■ 75.2238, 0.3299,
0.3104

■ 30.6548, 0.4272,
0.2555

■ 89.9792, 0.3186,
0.3222

■ 26.7839, 0.4545,
0.2516

99.9962, 0.3127,
0.3290

■ 24.2581, 0.4823,
0.2528

■ 22.8746, 0.5089,
0.2596

■ 22.5256, 0.5189,
0.2632

Harmonies

Analogous

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



51.8622, 0.3046, 0.2569



51.8622, 0.3600, 0.2857



51.8622, 0.4043, 0.3247

Triad

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



51.8622, 0.3600, 0.2857



51.8622, 0.3657, 0.4267



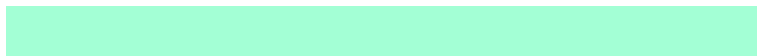
51.8622, 0.2150, 0.2764

Complementary

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



51.8622, 0.3600, 0.2857



84.1005, 0.2821, 0.3774

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.



51.8622, 0.2281, 0.3230



51.8622, 0.3600, 0.2857



51.8622, 0.3132, 0.4183

Square

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



51.8622, 0.3600, 0.2857



51.8622, 0.4060, 0.4052



51.8622, 0.2631, 0.3778



51.8622, 0.2247, 0.2494

Rectangle

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



51.8622, 0.3600, 0.2857



51.8622, 0.4192, 0.3531



51.8622, 0.2631, 0.3778



51.8622, 0.2168, 0.2900

Sweetspot

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



51.8646, 0.3600, 0.2857



82.4473, 0.3239, 0.3164



47.4267, 0.2825, 0.2298



17.2227, 0.3254, 0.3148



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.



51.8646, 0.3600, 0.2857



45.5758, 0.3731, 0.2774



51.2045, 0.3993, 0.3325



18.1250, 0.3222, 0.3182



11.8015, 0.5149, 0.2610



1.1708, 0.4872, 0.2458

Inverse Universe

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



51.8646, 0.3600, 0.2857



45.5758, 0.3731, 0.2774



84.5744, 0.2615, 0.3255



18.1250, 0.3222, 0.3182



11.8015, 0.5149, 0.2610



1.1708, 0.4872, 0.2458

Previews

White Background



This preview shows how the Yxy color 51.8622, 0.3600, 0.2857 looks on a white background.

Color Contrast Check

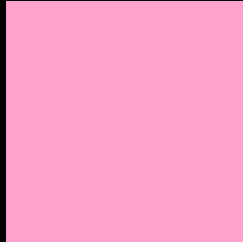
Large Text (above 18pt) WCAG AA × Fail

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 51.8622, 0.3600, 0.2857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

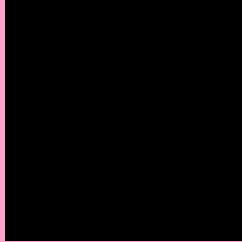
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.8622, 0.3600, 0.2857

Background



This preview shows how black text looks on a background with the Yxy color 51.8622, 0.3600, 0.2857.



This preview shows how white text looks on a background with the Yxy color 51.8622, 0.3600, 0.2857.

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

51.8622, 0.3600, 0.2857

Protanopia

52.4151, 0.2859, 0.2903

Deuteranopia

51.8941, 0.3169, 0.3099



Tritanopia

51.6282, 0.3800, 0.3154

Trichromacy



Original Color

51.8622, 0.3600, 0.2857



Protanomaly

51.3020, 0.3097, 0.2873



Deuteranomaly

51.3965, 0.3322, 0.3005



Tritanomaly

51.8292, 0.3726, 0.3049

Monochromacy



Original Color

51.8622, 0.3600, 0.2857



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

52.7422, 0.3288, 0.3105

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8622, 0.3600, 0.2857 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, 163, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 205)  
}
```

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, 163, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 205) }
```

Border

The CSS property to change the border of an element to Yxy 51.8622, 0.3600, 0.2857 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, 163, 205) }
```

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

```
.border{ border-color:rgb(255, 163, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8622, 0.3600, 0.2857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 205) }
```

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

```
.background{ background-color: rgb(255,  
163, 205) }
```

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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