

Converting Colors

Yxy(51.2081, 0.3749, 0.3020)

Have a look what the booklet for
Yxy(51.2081, 0.3749, 0.3020)
contains.

Yxy(51.1285, 0.3752, 0.3020)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(51.1285, 0.3752, 0.3020)

Conversions

Conversions Part 1

Format	Color
Hex	FFA3BD
RGB	255, 163, 189
RGB Percent	100%, 64%, 74%
CMY	0.0000, 0.3608, 0.2589
CMYK	0.00, 0.36, 0.26, 0.00
HSL	343°, 100%, 82%
HSV	343°, 36%, 100%
XYZ	63.5212, 51.1285, 54.6499
YIQ	193.4720, 46.4860, 27.5900

Conversions

Conversions Part 2

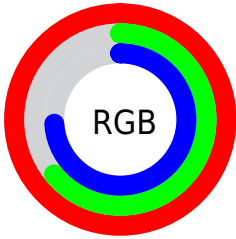
Format	Color
R _Y B	255, 163, 189
Decimal	16753597
CIE Lab	76.76, 37.34, 0.98
CIE LCh	77, 37.349, 1.508
Yxy	51.1285, 0.3752, 0.3020
Android (android.graphics.Color)	4294943677 (0xFFFFA3BD)
YUV	193.4720, -2.2047, 53.9601
Hunter-Lab	71.5042, 33.4393, 4.7382

Details

The Yxy color **51.1285, 0.3752, 0.3020** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.9663, 0.2742, 0.3583**, and the grayscale version is **53.6136, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.5156, 0.3210, 0.3035**, and **24.6652, 0.3913, 0.2944** is the 20% darker color. If you saturate the color by 10%, you get **42.2238, 0.4018, 0.2947**, and if you desaturate by 10%, it is **61.9623, 0.3531, 0.3098**.

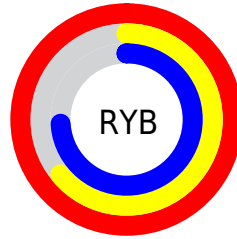
Distribution



Red (100%)

Green (64%)

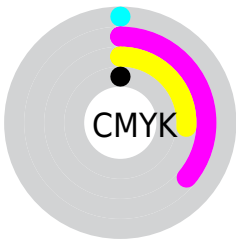
Blue (74%)



Red (100%)

Yellow (64%)

Blue (74%)

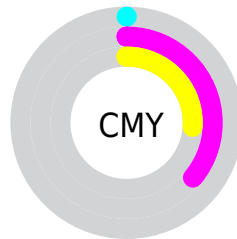


Cyan (0%)

Magenta (36%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.1285, 0.3752, 0.3020 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 51.1285, 0.3752, 0.3020 by changing the saturation by 10% instead.

 51.1285, 0.3752,
0.3020


 51.1285, 0.3752,
0.3020


391.0628, 0.3444,
0.3154

 36.3109, 0.3827,
0.2987


 91.8447, 0.3641,
0.3068

 24.6744, 0.3923,
0.2945


 118.5121, 0.3599,
0.3086

 15.8346, 0.4048,
0.2890


149.8981, 0.3564,
0.3102

 9.4072, 0.4220,
0.2814

186.3873, 0.3533,
0.3115

 5.0077, 0.4469,
0.2704

228.3639, 0.3507,
0.3127

 2.2518, 0.4859,
0.2529

276.2125, 0.3483,

 0.7480, 0.5584,

0.3137

0.2212

330.3173, 0.3463,
0.3146

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.1285, 0.3752,
0.3020

51.1285, 0.3752,
0.3020

42.2238, 0.4018,
0.2947

61.9623, 0.3531,
0.3098

35.1292, 0.4332,
0.2886

74.8249, 0.3350,
0.3174

29.7201, 0.4687,
0.2847

89.8151, 0.3203,
0.3248

25.8538, 0.5065,
0.2844

100.0000, 0.3127,
0.3290

■ 23.3639, 0.5436,
0.2884

■ 22.0441, 0.5761,
0.2969

■ 21.7276, 0.5872,
0.3008

Harmonies

Analogous

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



51.1285, 0.3256, 0.2703



51.1285, 0.3752, 0.3020



51.1285, 0.4078, 0.3410

Triad

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



51.1285, 0.3752, 0.3020



51.1285, 0.3441, 0.4206



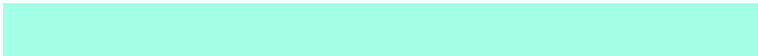
51.1285, 0.2219, 0.2677

Complementary

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



51.1285, 0.3752, 0.3020



84.9663, 0.2742, 0.3583

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.



51.1285, 0.2260, 0.3050



51.1285, 0.3752, 0.3020



51.1285, 0.2941, 0.4002

Square

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



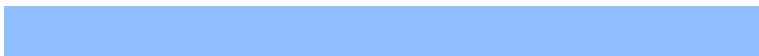
51.1285, 0.3752, 0.3020



51.1285, 0.3876, 0.4109



51.1285, 0.2514, 0.3549



51.1285, 0.2393, 0.2499

Rectangle

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



51.1285, 0.3752, 0.3020



51.1285, 0.4140, 0.3676



51.1285, 0.2514, 0.3549



51.1285, 0.2208, 0.2781

Sweetspot

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



51.1301, 0.3752, 0.3020



82.1613, 0.3271, 0.3212



50.0645, 0.2959, 0.2335



17.1548, 0.3291, 0.3202



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.



51.1301, 0.3752, 0.3020



44.7645, 0.3931, 0.2969



57.7466, 0.3928, 0.3502



18.0714, 0.3250, 0.3223



11.3750, 0.5830, 0.2985



1.1253, 0.5511, 0.2809

Inverse Universe

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



51.1301, 0.3752, 0.3020



44.7645, 0.3931, 0.2969



74.4631, 0.2588, 0.3064



18.0714, 0.3250, 0.3223



11.3750, 0.5830, 0.2985



1.1253, 0.5511, 0.2809

Previews

White Background



This preview shows how the Yxy color 51.1285, 0.3752, 0.3020 looks on a white background.

Color Contrast Check

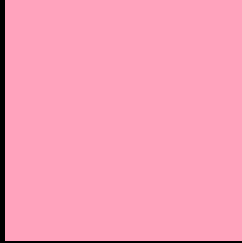
Large Text (above 18pt) WCAG AA × Fail

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 51.1285, 0.3752, 0.3020 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 51.1285, 0.3752, 0.3020

Background



This preview shows how black text looks on a background with the Yxy color 51.1285, 0.3752, 0.3020.



This preview shows how white text looks on a background with the Yxy color 51.1285, 0.3752, 0.3020.

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

51.1285, 0.3752, 0.3020

Protanopia

51.5736, 0.3015, 0.3105

Deuteranopia

51.4854, 0.3342, 0.3279



Tritanopia

51.1554, 0.3853, 0.3165

Trichromacy



Original Color

51.1285, 0.3752, 0.3020



Protanomaly

50.9122, 0.3257, 0.3067



Deuteranomaly

50.7646, 0.3488, 0.3176



Tritanomaly

50.9579, 0.3817, 0.3113

Monochromacy



Original Color

51.1285, 0.3752, 0.3020



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

51.8606, 0.3339, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1285, 0.3752, 0.3020 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 189) }
```

Border

The CSS property to change the border of an element to Yxy 51.1285, 0.3752, 0.3020 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, 189) }
```

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

```
.border{ border-color:rgb(255, 163, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1285, 0.3752, 0.3020 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, 189) }
```

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

```
.background{ background-color: rgb(255,  
163, 189) }
```

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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