

Converting Colors

Yxy(51.9685, 0.3749, 0.3049)

Have a look what the booklet for
Yxy(51.9685, 0.3749, 0.3049)
contains.

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Color

Yxy(51.8444, 0.3746, 0.3041)

Conversions

Conversions Part 1

Format	Color
Hex	FFA5BD
RGB	255, 165, 189
RGB Percent	100%, 65%, 74%
CMY	0.0002, 0.3528, 0.2589
CMYK	0.00, 0.35, 0.26, 0.00
HSL	344°, 100%, 82%
HSV	344°, 35%, 100%
XYZ	63.8636, 51.8444, 54.7767
YIQ	194.6460, 45.9360, 26.5440

Conversions

Conversions Part 2

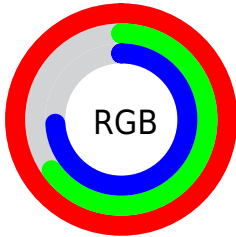
Format	Color
R _Y B	255, 165, 189
Decimal	16754109
CIE Lab	77.19, 36.26, 1.60
CIE LCh	77, 36.298, 2.531
Yxy	51.8444, 0.3746, 0.3041
Android (android.graphics.Color)	4294944189 (0xFFFFA5BD)
YUV	194.6460, -2.7835, 52.9305
Hunter-Lab	72.0031, 32.3164, 5.2969

Details

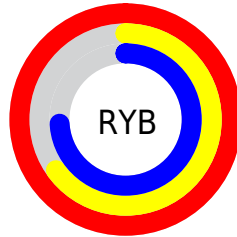
The Yxy color **51.8444, 0.3746, 0.3041** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.2565, 0.2742, 0.3559**, and the grayscale version is **54.3497, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.5655, 0.3209, 0.3055**, and **25.2362, 0.3918, 0.2972** is the 20% darker color. If you saturate the color by 10%, you get **42.7854, 0.4015, 0.2972**, and if you desaturate by 10%, it is **62.8461, 0.3523, 0.3114**.

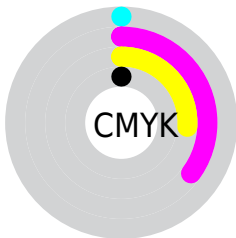
Distribution



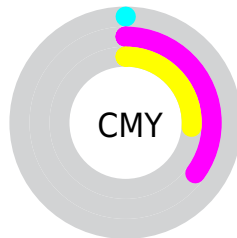
- Red (100%)
- Green (65%)
- Blue (74%)



- Red (100%)
- Yellow (65%)
- Blue (74%)



- Cyan (0%)
- Magenta (35%)
- Yellow (26%)
- Black (0%)




- Cyan (0%)
- Magenta (35%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8444, 0.3746, 0.3041 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 51.8444, 0.3746, 0.3041 by changing the saturation by 10% instead.


 51.8444, 0.3746,
0.3041


 51.8444, 0.3746,
0.3041


393.8356, 0.3442,
0.3165

 36.8811, 0.3820,
0.3010


 92.9017, 0.3637,
0.3086

 25.1154, 0.3915,
0.2972


 119.7645, 0.3595,
0.3103

 16.1631, 0.4038,
0.2920

151.3625, 0.3560,
0.3117

 9.6396, 0.4208,
0.2850

188.0803, 0.3530,
0.3129

 5.1607, 0.4452,
0.2746

230.3020, 0.3503,
0.3140

 2.3418, 0.4835,
0.2583

278.4122, 0.3480,

 0.7957, 0.5535,

0.3149

0.2292

332.7953, 0.3460,
0.3157

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.8444, 0.3746,
0.3041

51.8444, 0.3746,
0.3041

42.7854, 0.4015,
0.2972

62.8461, 0.3523,
0.3114

35.5483, 0.4333,
0.2913

75.8874, 0.3341,
0.3187

30.0103, 0.4694,
0.2876

91.0674, 0.3193,
0.3256

26.0299, 0.5080,
0.2872

99.9892, 0.3127,
0.3290

■ 23.4427, 0.5459,
0.2909

■ 22.0465, 0.5790,
0.2991

■ 21.6655, 0.5924,
0.3037

Harmonies

Analogous

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



51.8444, 0.3270, 0.2729



51.8444, 0.3746, 0.3041



51.8444, 0.4053, 0.3421

Triad

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



51.8444, 0.3746, 0.3041



51.8444, 0.3416, 0.4173



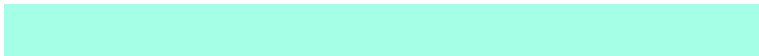
51.8444, 0.2249, 0.2688

Complementary

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



51.8444, 0.3746, 0.3041



85.2565, 0.2742, 0.3559

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.



51.8444, 0.2281, 0.3044



51.8444, 0.3746, 0.3041



51.8444, 0.2933, 0.3965

Square

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



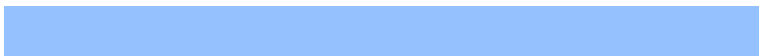
51.8444, 0.3746, 0.3041



51.8444, 0.3842, 0.4091



51.8444, 0.2522, 0.3524



51.8444, 0.2425, 0.2521

Rectangle

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



51.8444, 0.3746, 0.3041



51.8444, 0.4106, 0.3679



51.8444, 0.2522, 0.3524



51.8444, 0.2236, 0.2787

Sweetspot

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



51.8469, 0.3746, 0.3041



82.1356, 0.3274, 0.3217



51.1241, 0.2975, 0.2360



17.1487, 0.3295, 0.3207



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.



51.8469, 0.3746, 0.3041



45.5600, 0.3922, 0.2993



59.0919, 0.3898, 0.3512



18.0665, 0.3252, 0.3227



11.3473, 0.5883, 0.3015



1.1220, 0.5566, 0.2840

Inverse Universe

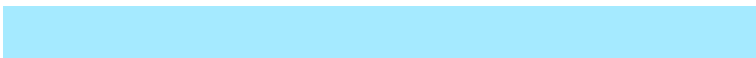
The Inverse Universe completely reimagines the original color for something new.



51.8469, 0.3746, 0.3041



45.5600, 0.3922, 0.2993



74.0458, 0.2596, 0.3053



18.0665, 0.3252, 0.3227



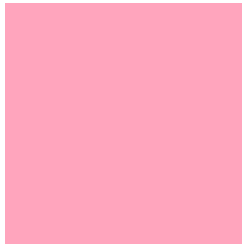
11.3473, 0.5883, 0.3015



1.1220, 0.5566, 0.2840

Previews

White Background



This preview shows how the Yxy color 51.8444, 0.3746, 0.3041 looks on a white background.

Color Contrast Check

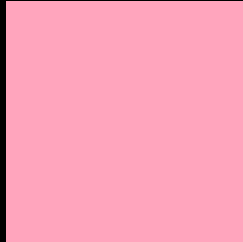
Large Text (above 18pt) WCAG AA × Fail

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 51.8444, 0.3746, 0.3041 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 51.8444, 0.3746, 0.3041

Background



This preview shows how black text looks on a background with the Yxy color 51.8444, 0.3746, 0.3041.



This preview shows how white text looks on a background with the Yxy color 51.8444, 0.3746, 0.3041.

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

51.8444, 0.3746, 0.3041

Protanopia

52.2629, 0.3031, 0.3118

Deuteranopia

52.1978, 0.3357, 0.3291



Tritanopia

51.9629, 0.3827, 0.3165

Trichromacy



Original Color

51.8444, 0.3746, 0.3041



Protanomaly

51.4674, 0.3265, 0.3080



Deuteranomaly

51.8799, 0.3502, 0.3200



Tritanomaly

51.7622, 0.3792, 0.3113

Monochromacy



Original Color

51.8444, 0.3746, 0.3041



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

52.8829, 0.3336, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8444, 0.3746, 0.3041 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, 165, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 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, 165, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 189) }
```

Border

The CSS property to change the border of an element to Yxy 51.8444, 0.3746, 0.3041 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, 165, 189) }
```

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

```
.border{ border-color:rgb(255, 165, 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, 165, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8444, 0.3746, 0.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 189) }
```

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

```
.background{ background-color: rgb(255,  
165, 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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