

Converting Colors

$Y_{xy}(71.9748, 0.3763, 0.2906)$

Have a look what the booklet for
Yxy(71.9748, 0.3763, 0.2906)
contains.

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Color

Yxy(61.1424, 0.3368, 0.2845)

Conversions

Conversions Part 1

Format	Color
Hex	FFB8E4
RGB	255, 184, 228
RGB Percent	100%, 72%, 89%
CMY	0.0000, 0.2784, 0.1059
CMYK	0.00, 0.28, 0.11, 0.00
HSL	323°, 100%, 86%
HSV	323°, 28%, 100%
XYZ	72.3823, 61.1424, 81.3871
YIQ	210.2450, 28.1920, 28.7360

Conversions

Conversions Part 2

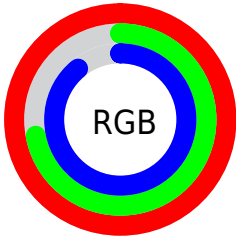
Format	Color
R _Y B	255, 184, 228
Decimal	16759012
CIE Lab	82.46, 32.22, -11.76
CIE LCh	82, 34.301, 339.954
Yxy	61.1424, 0.3368, 0.2845
Android (android.graphics.Color)	4294949092 (0xFFFFB8E4)
YUV	210.2450, 8.7532, 39.2501
Hunter-Lab	78.1936, 28.3951, -6.9759

Details

The Yxy color **61.1424, 0.3368, 0.2845** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.4105, 0.2945, 0.3782**, and the grayscale version is **64.5473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **30.8527, 0.3416, 0.2734** is the 20% darker color. If you saturate the color by 10%, you get **50.9649, 0.3485, 0.2681**, and if you desaturate by 10%, it is **73.2650, 0.3268, 0.3010**.

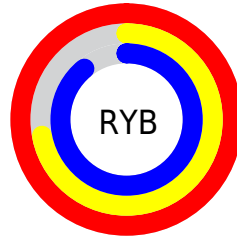
Distribution



Red (100%)

Green (72%)

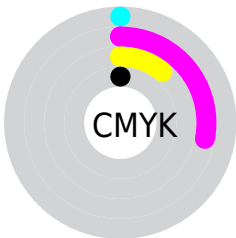
Blue (89%)



Red (100%)

Yellow (72%)

Blue (89%)

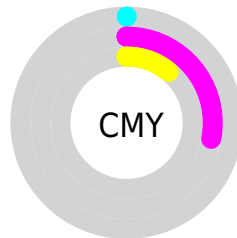


Cyan (0%)

Magenta (28%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (28%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.1424, 0.3368, 0.2845 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 61.1424, 0.3368, 0.2845 by changing the saturation by 10% instead.


 61.1424, 0.3368,
0.2845

 61.1424, 0.3368,
0.2845


428.7959, 0.3257,
0.3049

 44.3401, 0.3393,
0.2799


 106.4851, 0.3330,
0.2916

 30.9380, 0.3424,
0.2742


135.7943, 0.3315,
0.2943

 20.5516, 0.3464,
0.2670

170.0412, 0.3302,
0.2967

 12.7966, 0.3515,
0.2577


209.6103, 0.3290,
0.2987

 7.2887, 0.3584,
0.2452

254.8859, 0.3281,
0.3006

 3.6433, 0.3684,
0.2275


306.2525, 0.3272,

 1.4761, 0.3837,

0.3022


0.2005


364.0943, 0.3264,
0.3036


 0.2718, 0.4316,
0.1105


 0.0000, 0.0000,
0.0000


 61.1424, 0.3368,
0.2845

 61.1424, 0.3368,
0.2845

 50.9649, 0.3485,
0.2681


 73.2650, 0.3268,
0.3010

 42.6209, 0.3619,
0.2525

 87.4197, 0.3184,
0.3170

 36.0007, 0.3770,
0.2388

99.9988, 0.3127,
0.3290

 30.9789, 0.3935,
0.2280

■ 27.4130, 0.4108,
0.2214

■ 25.1353, 0.4283,
0.2199

■ 23.9213, 0.4454,
0.2236

■ 23.7287, 0.4490,
0.2247

Harmonies

Analogous

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



61.1424, 0.2924, 0.2643



61.1424, 0.3368, 0.2845



61.1424, 0.3767, 0.3150

Triad

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



61.1424, 0.3368, 0.2845



61.1424, 0.3688, 0.4047



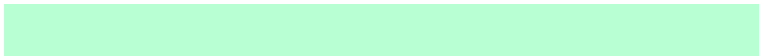
61.1424, 0.2339, 0.2981

Complementary

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



61.1424, 0.3368, 0.2845



86.4105, 0.2945, 0.3782

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.



61.1424, 0.2514, 0.3392



61.1424, 0.3368, 0.2845



61.1424, 0.3283, 0.4053

Square

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



61.1424, 0.3368, 0.2845



61.1424, 0.3952, 0.3830



61.1424, 0.2854, 0.3805



61.1424, 0.2356, 0.2697

Rectangle

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



61.1424, 0.3368, 0.2845



61.1424, 0.3940, 0.3383



61.1424, 0.2854, 0.3805



61.1424, 0.2376, 0.3108

Sweetspot

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



61.1452, 0.3368, 0.2845



87.1783, 0.3185, 0.3167



55.2114, 0.2821, 0.2521



18.1764, 0.3197, 0.3144



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.



61.1452, 0.3368, 0.2845



55.6571, 0.3426, 0.2760



59.4150, 0.3657, 0.3193



18.1764, 0.3197, 0.3144



12.4295, 0.4463, 0.2233



1.2315, 0.4281, 0.2132

Inverse Universe

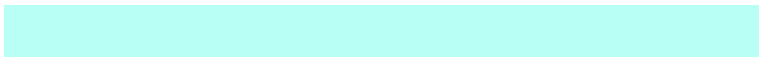
The Inverse Universe completely reimagines the original color for something new.



61.1452, 0.3368, 0.2845



55.6571, 0.3426, 0.2760



88.3323, 0.2768, 0.3391



18.1764, 0.3197, 0.3144



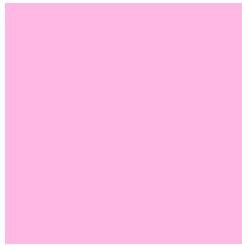
12.4295, 0.4463, 0.2233



1.2315, 0.4281, 0.2132

Previews

White Background



This preview shows how the Yxy color 61.1424, 0.3368, 0.2845 looks on a white background.

Color Contrast Check

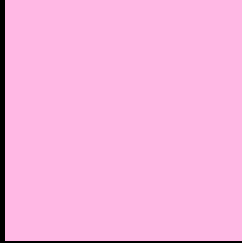
Large Text (above 18pt) WCAG AA × Fail

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 61.1424, 0.3368, 0.2845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

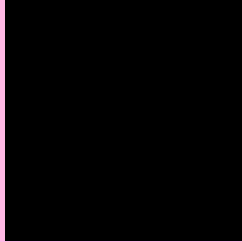
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.1424, 0.3368, 0.2845

Background



This preview shows how black text looks on a background with the Yxy color 61.1424, 0.3368, 0.2845.



This preview shows how white text looks on a background with the Yxy color 61.1424, 0.3368, 0.2845.

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

61.1424, 0.3368, 0.2845

Protanopia

61.5424, 0.2837, 0.2873

Deuteranopia

61.4965, 0.3079, 0.3012



Tritanopia

60.9737, 0.3542, 0.3135

Trichromacy



Original Color

61.1424, 0.3368, 0.2845



Protanomaly

61.0487, 0.3018, 0.2865



Deuteranomaly

61.0635, 0.3183, 0.2946



Tritanomaly

61.1768, 0.3478, 0.3033

Monochromacy



Original Color

61.1424, 0.3368, 0.2845



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

62.9518, 0.3205, 0.3115

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1424, 0.3368, 0.2845 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, 184, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 228)  
}
```

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, 184, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 228) }
```

Border

The CSS property to change the border of an element to Yxy 61.1424, 0.3368, 0.2845 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, 184, 228) }
```

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

```
.border{ border-color:rgb(255, 184, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1424, 0.3368, 0.2845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 228) }
```

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

```
.background{ background-color: rgb(255,  
184, 228) }
```

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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