

Converting Colors

Yxy(60.9532, 0.3245, 0.2668)

Have a look what the booklet for
Yxy(60.9532, 0.3245, 0.2668)
contains.

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Color

Yxy(60.8394, 0.3245, 0.2664)

Conversions

Conversions Part 1

Format	Color
Hex	FFB5F4
RGB	255, 181, 244
RGB Percent	100%, 71%, 96%
CMY	0.0000, 0.2903, 0.0431
CMYK	0.00, 0.29, 0.04, 0.00
HSL	309°, 100%, 85%
HSV	309°, 29%, 100%
XYZ	74.1081, 60.8394, 93.4287
YIQ	210.3080, 23.8810, 35.2810

Conversions

Conversions Part 2

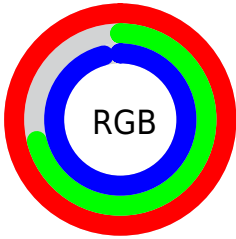
Format	Color
R _Y B	255, 181, 244
Decimal	16758260
CIE Lab	82.29, 36.53, -20.58
CIE LCh	82, 41.925, 330.599
Yxy	60.8394, 0.3245, 0.2664
Android (android.graphics.Color)	4294948340 (0xFFFFB5F4)
YUV	210.3080, 16.6102, 39.1949
Hunter-Lab	77.9996, 33.0949, -16.4184

Details

The Yxy color $60.8394, 0.3245, 0.2664$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $85.1460, 0.3029, 0.4009$, and the grayscale version is $64.5302, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.6291, 0.3135, 0.3127$, and $30.6799, 0.3259, 0.2519$ is the 20% darker color. If you saturate the color by 10%, you get $51.1671, 0.3295, 0.2450$, and if you desaturate by 10%, it is $72.3987, 0.3199, 0.2883$.

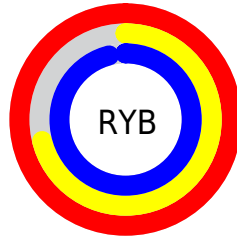
Distribution



Red (100%)

Green (71%)

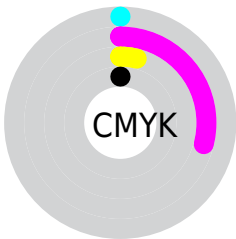
Blue (96%)



Red (100%)

Yellow (71%)

Blue (96%)

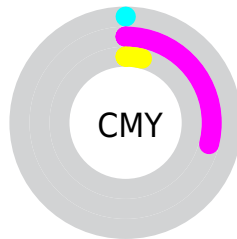


Cyan (0%)

Magenta (29%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (29%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8394, 0.3245, 0.2664 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 60.8394, 0.3245, 0.2664 by changing the saturation by 10% instead.

 60.8394, 0.3245,
0.2664

 60.8394, 0.3245,
0.2664


427.6849, 0.3196,
0.2946

 44.0956, 0.3255,
0.2601

 106.0464, 0.3229,
0.2760

 30.7457, 0.3267,
0.2525


135.2783, 0.3222,
0.2798

 20.4052, 0.3280,
0.2430


169.4417, 0.3217,
0.2831

 12.6900, 0.3297,
0.2308

208.9210, 0.3212,
0.2860

 7.2154, 0.3316,
0.2148

254.1006, 0.3207,
0.2885

 3.5972, 0.3337,
0.1927

305.3648, 0.3203,

 1.4509, 0.3355,

0.2908

0.1609

363.0981, 0.3199,
0.2928

0.2538, 0.3487,
0.0758

0.0000, 0.1365,
0.0000

60.8394, 0.3245,
0.2664

60.8394, 0.3245,
0.2664

51.1671, 0.3295,
0.2450

72.3987, 0.3199,
0.2883

43.3012, 0.3349,
0.2251

85.9639, 0.3159,
0.3100

37.1204, 0.3406,
0.2076

100.0000, 0.3127,
0.3290

32.4982, 0.3464,
0.1936

■ 29.2901, 0.3522,
0.1837

■ 27.3249, 0.3577,
0.1785

■ 26.3492, 0.3628,
0.1775

■ 26.2762, 0.3633,
0.1775

Harmonies

Analogous

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



60.8394, 0.2723, 0.2473



60.8394, 0.3245, 0.2664



60.8394, 0.3775, 0.2992

Triad

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



60.8394, 0.3245, 0.2664



60.8394, 0.3929, 0.4146



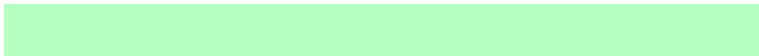
60.8394, 0.2217, 0.3047

Complementary

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



60.8394, 0.3245, 0.2664



85.1460, 0.3029, 0.4009

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.



60.8394, 0.2490, 0.3581



60.8394, 0.3245, 0.2664



60.8394, 0.3471, 0.4265

Square

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



60.8394, 0.3245, 0.2664



60.8394, 0.4180, 0.3815



60.8394, 0.2944, 0.4059



60.8394, 0.2169, 0.2650

Rectangle

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



60.8394, 0.3245, 0.2664



60.8394, 0.4041, 0.3259



60.8394, 0.2944, 0.4059



60.8394, 0.2284, 0.3217

Sweetspot

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



60.8318, 0.3245, 0.2664



86.0038, 0.3159, 0.3101



51.3167, 0.2682, 0.2457



17.9584, 0.3164, 0.3070



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.



60.8318, 0.3245, 0.2664



54.8370, 0.3274, 0.2535



58.8598, 0.3538, 0.3011



18.2513, 0.3161, 0.3090



13.7475, 0.3625, 0.1771



1.3506, 0.3570, 0.1740

Inverse Universe

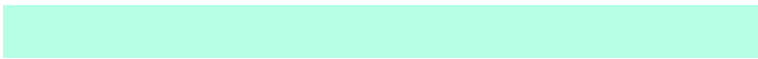
The Inverse Universe completely reimagines the original color for something new.



60.8318, 0.3245, 0.2664



54.8370, 0.3274, 0.2535



86.9350, 0.2841, 0.3590



18.2513, 0.3161, 0.3090



13.7475, 0.3625, 0.1771



1.3506, 0.3570, 0.1740

Previews

White Background



This preview shows how the Yxy color 60.8394, 0.3245, 0.2664 looks on a white background.

Color Contrast Check

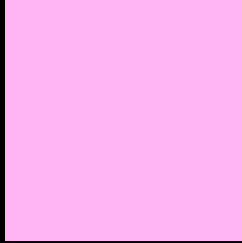
Large Text (above 18pt) WCAG AA × Fail

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 60.8394, 0.3245, 0.2664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

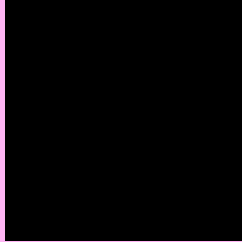
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.8394, 0.3245, 0.2664

Background



This preview shows how black text looks on a background with the Yxy color 60.8394, 0.3245, 0.2664.

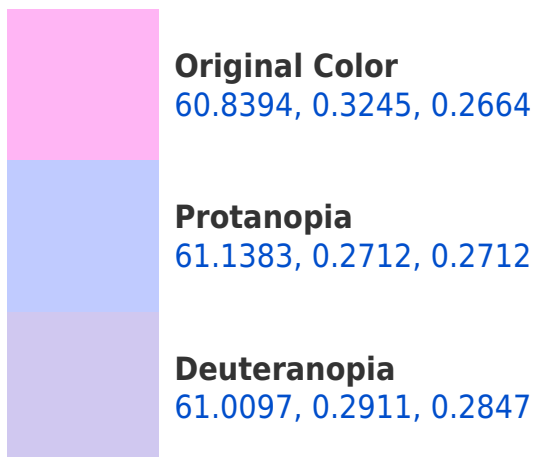


This preview shows how white text looks on a background with the Yxy color 60.8394, 0.3245, 0.2664.

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





Tritanopia

61.0310, 0.3524, 0.3144

Trichromacy



Original Color

60.8394, 0.3245, 0.2664



Protanomaly

60.4423, 0.2888, 0.2687



Deuteranomaly

60.4984, 0.3029, 0.2776



Tritanomaly

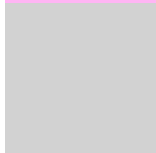
60.8752, 0.3422, 0.2961

Monochromacy



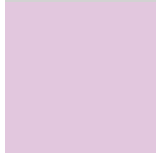
Original Color

60.8394, 0.3245, 0.2664



Achromatopsia

64.4480, 0.3127, 0.3290



Achromatomaly

62.2895, 0.3170, 0.3039

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8394, 0.3245, 0.2664 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, 181, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 244)  
}
```

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, 181, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 244) }
```

Border

The CSS property to change the border of an element to Yxy 60.8394, 0.3245, 0.2664 is called "border". The border property can be set on classes, ids or directly on the HTML element.

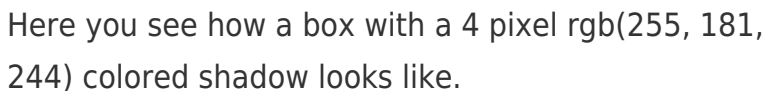
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 181, 244) }
```

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

```
.border{ border-color:rgb(255, 181, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 181, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 181, 244); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 181, 244); box-shadow:4px 4px 4px 4px rgb(255, 181, 244) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8394, 0.3245, 0.2664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 244) }
```

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

```
.background{ background-color: rgb(255,  
181, 244) }
```

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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