

Converting Colors

Yxy(68.6687, 0.3272, 0.2739)

Have a look what the booklet for
Yxy(68.6687, 0.3272, 0.2739)
contains.

Yxy(66.3650, 0.3184, 0.2719)	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(66.3650, 0.3184, 0.2719)

Conversions

Conversions Part 1

Format	Color
Hex	FFC1FB
RGB	255, 193, 251
RGB Percent	100%, 76%, 98%
CMY	0.0001, 0.2431, 0.0156
CMYK	0.00, 0.24, 0.02, 0.00
HSL	304°, 100%, 88%
HSV	304°, 24%, 100%
XYZ	77.7147, 66.3650, 99.9990
YIQ	218.1500, 18.3340, 31.1820

Conversions

Conversions Part 2

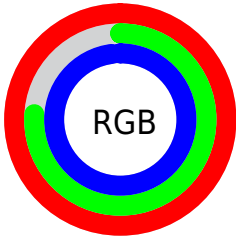
Format	Color
R _Y B	255, 193, 251
Decimal	16761339
CIE Lab	85.18, 31.42, -19.95
CIE LCh	85, 37.217, 327.579
Yxy	66.3650, 0.3184, 0.2719
Android (android.graphics.Color)	4294951419 (0xFFFFC1FB)
YUV	218.1500, 16.1950, 32.3174
Hunter-Lab	81.4647, 27.7199, -15.7540

Details

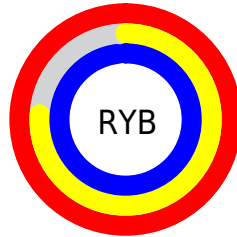
The Yxy color $66.3650, 0.3184, 0.2719$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $86.8652, 0.3073, 0.3936$, and the grayscale version is $70.0977, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.8512, 0.3129, 0.3242$, and $34.3660, 0.3200, 0.2602$ is the 20% darker color. If you saturate the color by 10%, you get $55.9471, 0.3211, 0.2484$, and if you desaturate by 10%, it is $78.7328, 0.3159, 0.2957$.

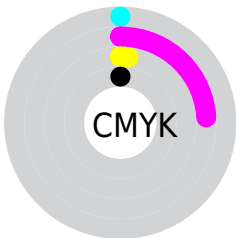
Distribution



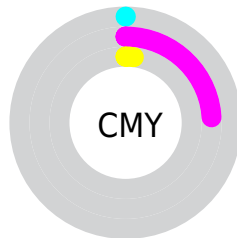
- Red (100%)
- Green (76%)
- Blue (98%)



- Red (100%)
- Yellow (76%)
- Blue (98%)



- Cyan (0%)
- Magenta (24%)
- Yellow (2%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.3650, 0.3184, 0.2719 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 66.3650, 0.3184, 0.2719 by changing the saturation by 10% instead.

 66.3650, 0.3184,
0.2719

 66.3650, 0.3184,
0.2719


447.6811, 0.3163,
0.2974

 48.5688, 0.3188,
0.2663


 114.0100, 0.3178,
0.2806

 34.2775, 0.3192,
0.2595


144.6276, 0.3175,
0.2840

 23.1069, 0.3196,
0.2510


180.2878, 0.3172,
0.2870

 14.6724, 0.3200,
0.2402

221.3750, 0.3170,
0.2896

 8.5898, 0.3203,
0.2260

268.2735, 0.3168,
0.2919

 4.4746, 0.3203,
0.2067

321.3677, 0.3166,


 1.9424, 0.3192,


0.2939


0.1788


381.0421, 0.3164,
0.2958

 0.5737, 0.3172,
0.1295


 0.0000, 0.2420,
0.0000


 66.3650, 0.3184,
0.2719


 66.3650, 0.3184,
0.2719

 55.9471, 0.3211,
0.2484

 78.7328, 0.3159,
0.2957

 47.3706, 0.3239,
0.2262

 93.1342, 0.3136,
0.3192

 40.5300, 0.3267,
0.2063

99.9928, 0.3127,
0.3290

 35.3054, 0.3295,
0.1895

■ 31.5616, 0.3322,
0.1767

■ 29.1419, 0.3346,
0.1684

■ 27.8538, 0.3367,
0.1644

■ 27.4701, 0.3379,
0.1635

Harmonies

Analogous

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



66.3650, 0.2739, 0.2565



66.3650, 0.3184, 0.2719



66.3650, 0.3645, 0.3000

Triad

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



66.3650, 0.3184, 0.2719



66.3650, 0.3857, 0.4014



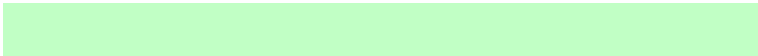
66.3650, 0.2350, 0.3130

Complementary

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



66.3650, 0.3184, 0.2719



86.8652, 0.3073, 0.3936

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.



66.3650, 0.2610, 0.3588



66.3650, 0.3184, 0.2719



66.3650, 0.3476, 0.4127

Square

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



66.3650, 0.3184, 0.2719



66.3650, 0.4045, 0.3721



66.3650, 0.3019, 0.3975



66.3650, 0.2284, 0.2766

Rectangle

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



66.3650, 0.3184, 0.2719



66.3650, 0.3885, 0.3233



66.3650, 0.3019, 0.3975



66.3650, 0.2416, 0.3279

Sweetspot

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



66.3679, 0.3184, 0.2719



89.0624, 0.3142, 0.3129



57.1175, 0.2730, 0.2602



18.8716, 0.3144, 0.3115



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.



66.3679, 0.3184, 0.2719



61.2489, 0.3196, 0.2608



64.6162, 0.3413, 0.3007



18.2793, 0.3148, 0.3070



14.3671, 0.3376, 0.1633



1.4047, 0.3355, 0.1622

Inverse Universe

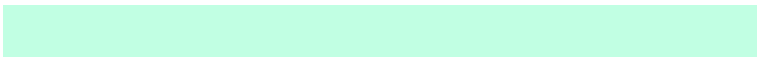
The Inverse Universe completely reimagines the original color for something new.



66.3679, 0.3184, 0.2719



61.2489, 0.3196, 0.2608



88.3868, 0.2911, 0.3592



18.2793, 0.3148, 0.3070



14.3671, 0.3376, 0.1633



1.4047, 0.3355, 0.1622

Previews

White Background



This preview shows how the Yxy color 66.3650, 0.3184, 0.2719 looks on a white background.

Color Contrast Check

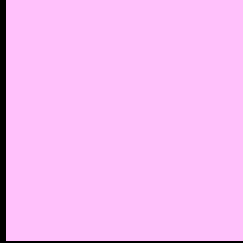
Large Text (above 18pt) WCAG AA × Fail

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 66.3650, 0.3184, 0.2719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

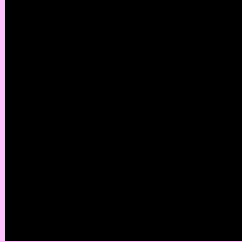
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.3650, 0.3184, 0.2719

Background



This preview shows how black text looks on a background with the Yxy color 66.3650, 0.3184, 0.2719.



This preview shows how white text looks on a background with the Yxy color 66.3650, 0.3184, 0.2719.

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

66.3650, 0.3184, 0.2719

Protanopia

66.5050, 0.2790, 0.2813

Deuteranopia

66.6408, 0.2925, 0.2862



Tritanopia

66.5388, 0.3409, 0.3136

Trichromacy



Original Color

66.3650, 0.3184, 0.2719



Protanomaly

65.8711, 0.2921, 0.2764



Deuteranomaly

66.5403, 0.3017, 0.2812



Tritanomaly

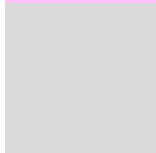
66.2294, 0.3329, 0.2975

Monochromacy



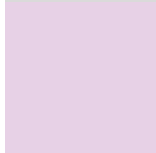
Original Color

66.3650, 0.3184, 0.2719



Achromatopsia

70.1102, 0.3127, 0.3290



Achromatomaly

68.3030, 0.3145, 0.3067

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3650, 0.3184, 0.2719 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, 193, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 251)  
}
```

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, 193, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 251) }
```

Border

The CSS property to change the border of an element to Yxy 66.3650, 0.3184, 0.2719 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, 193, 251) }
```

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

```
.border{ border-color:rgb(255, 193, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 193, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3650, 0.3184, 0.2719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 251) }
```

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

```
.background{ background-color: rgb(255,  
193, 251) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor