

Converting Colors

$Y_{xy}(69.7508, 0.3516, 0.2662)$

Have a look what the booklet for
Yxy(69.7508, 0.3516, 0.2662)
contains.

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Color

Yxy(60.8676, 0.3192, 0.2591)

Conversions

Conversions Part 1

Format	Color
Hex	FFB4FB
RGB	255, 180, 251
RGB Percent	100%, 71%, 98%
CMY	0.0000, 0.2942, 0.0157
CMYK	0.00, 0.29, 0.02, 0.00
HSL	303°, 100%, 85%
HSV	303°, 29%, 100%
XYZ	74.9863, 60.8676, 99.0655
YIQ	210.5190, 21.9090, 37.9810

Conversions

Conversions Part 2

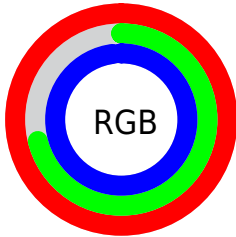
Format	Color
R _Y B	255, 180, 251
Decimal	16758011
CIE Lab	82.31, 38.27, -24.30
CIE LCh	82, 45.335, 327.583
Yxy	60.8676, 0.3192, 0.2591
Android (android.graphics.Color)	4294948091 (0xFFFFB4FB)
YUV	210.5190, 19.9571, 39.0098
Hunter-Lab	78.0177, 35.0333, -20.6730

Details

The Yxy color $60.8676, 0.3192, 0.2591$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $84.6814, 0.3065, 0.4106$, and the grayscale version is $64.6563, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.0484, 0.3135, 0.3117$, and $30.6871, 0.3199, 0.2440$ is the 20% darker color. If you saturate the color by 10%, you get $51.4114, 0.3216, 0.2360$, and if you desaturate by 10%, it is $72.2062, 0.3168, 0.2831$.

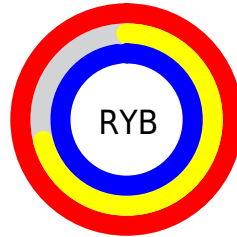
Distribution



Red (100%)

Green (71%)

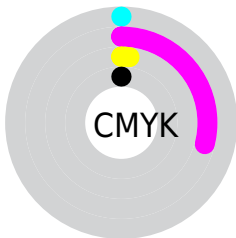
Blue (98%)



Red (100%)

Yellow (71%)

Blue (98%)

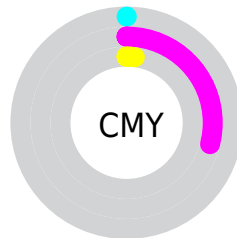


Cyan (0%)

Magenta (29%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8676, 0.3192, 0.2591 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 60.8676, 0.3192, 0.2591 by changing the saturation by 10% instead.


 60.8676, 0.3192,
0.2591

 60.8676, 0.3192,
0.2591


427.7884, 0.3169,
0.2904

 44.1183, 0.3195,
0.2522


 106.0872, 0.3186,
0.2697

 30.7635, 0.3199,
0.2439


135.3263, 0.3183,
0.2739

 20.4189, 0.3202,
0.2335


169.4975, 0.3180,
0.2776

 12.6999, 0.3204,
0.2203

208.9852, 0.3177,
0.2808

 7.2222, 0.3202,
0.2031

254.1737, 0.3175,
0.2836

 3.6015, 0.3193,
0.1797

305.4475, 0.3173,

 1.4532, 0.3162,

0.2861

0.1467

363.1909, 0.3171,
0.2884

0.2555, 0.3176,
0.0663

0.0000, 0.1392,
0.0000

60.8676, 0.3192,
0.2591

60.8676, 0.3192,
0.2591

51.4114, 0.3216,
0.2360

72.2062, 0.3168,
0.2831

43.7516, 0.3242,
0.2146

85.5412, 0.3146,
0.3070

37.7682, 0.3267,
0.1961

100.0000, 0.3127,
0.3290

33.3341, 0.3291,
0.1812

■ 30.3040, 0.3313,
0.1706

■ 28.5054, 0.3332,
0.1644

■ 27.6727, 0.3349,
0.1620

■ 27.6358, 0.3350,
0.1619

Harmonies

Analogous

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



60.8676, 0.2641, 0.2404



60.8676, 0.3192, 0.2591



60.8676, 0.3774, 0.2928

Triad

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



60.8676, 0.3192, 0.2591



60.8676, 0.4028, 0.4181



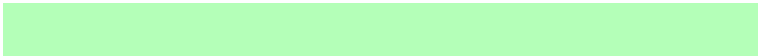
60.8676, 0.2169, 0.3076

Complementary

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



60.8676, 0.3192, 0.2591



84.6814, 0.3065, 0.4106

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.



60.8676, 0.2481, 0.3664



60.8676, 0.3192, 0.2591



60.8676, 0.3549, 0.4349

Square

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



60.8676, 0.3192, 0.2591



60.8676, 0.4274, 0.3804



60.8676, 0.2981, 0.4167



60.8676, 0.2094, 0.2630

Rectangle

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



60.8676, 0.3192, 0.2591



60.8676, 0.4080, 0.3208



60.8676, 0.2981, 0.4167



60.8676, 0.2247, 0.3265

Sweetspot

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



60.8616, 0.3192, 0.2591



86.1429, 0.3145, 0.3080



50.0141, 0.2631, 0.2434



17.9929, 0.3148, 0.3046



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.



60.8616, 0.3192, 0.2591



55.3592, 0.3205, 0.2460



58.7382, 0.3492, 0.2944



18.2827, 0.3146, 0.3068



14.4475, 0.3348, 0.1618



1.4116, 0.3330, 0.1608

Inverse Universe

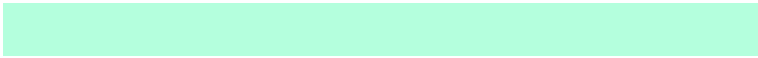
The Inverse Universe completely reimagines the original color for something new.



60.8616, 0.3192, 0.2591



55.3592, 0.3205, 0.2460



86.4549, 0.2869, 0.3666



18.2827, 0.3146, 0.3068



14.4475, 0.3348, 0.1618



1.4116, 0.3330, 0.1608

Previews

White Background



This preview shows how the Yxy color 60.8676, 0.3192, 0.2591 looks on a white background.

Color Contrast Check

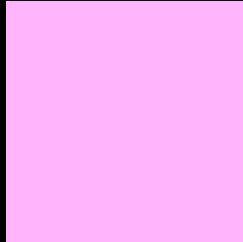
Large Text (above 18pt) WCAG AA × Fail

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 60.8676, 0.3192, 0.2591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

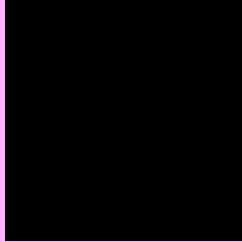
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.8676, 0.3192, 0.2591

Background



This preview shows how black text looks on a background with the Yxy color 60.8676, 0.3192, 0.2591.



This preview shows how white text looks on a background with the Yxy color 60.8676, 0.3192, 0.2591.

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

60.8676, 0.3192, 0.2591

Protanopia

61.1383, 0.2712, 0.2712

Deuteranopia

61.3261, 0.2839, 0.2782



Tritanopia

60.8946, 0.3507, 0.3133

Trichromacy



Original Color

60.8676, 0.3192, 0.2591



Protanomaly

60.6330, 0.2869, 0.2658



Deuteranomaly

60.6052, 0.2966, 0.2705



Tritanomaly

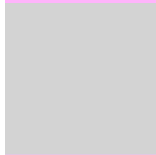
60.8475, 0.3389, 0.2930

Monochromacy



Original Color

60.8676, 0.3192, 0.2591



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

63.1304, 0.3148, 0.3008

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8676, 0.3192, 0.2591 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, 180, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 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, 180, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 251) }
```

Border

The CSS property to change the border of an element to Yxy 60.8676, 0.3192, 0.2591 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, 180, 251) }
```

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

```
.border{ border-color:rgb(255, 180, 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, 180, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8676, 0.3192, 0.2591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 251) }
```

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

```
.background{ background-color: rgb(255,  
180, 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](#).

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