

Converting Colors

$Yxy(68.0854, 0.3459, 0.2753)$

Have a look what the booklet for
Yxy(68.0854, 0.3459, 0.2753)
contains.

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Color

Yxy(62.4290, 0.3249, 0.2713)

Conversions

Conversions Part 1

Format	Color
Hex	FFB9F3
RGB	255, 185, 243
RGB Percent	100%, 73%, 95%
CMY	0.0001, 0.2745, 0.0470
CMYK	0.00, 0.27, 0.05, 0.00
HSL	310°, 100%, 86%
HSV	310°, 27%, 100%
XYZ	74.7629, 62.4290, 92.9187
YIQ	212.5420, 23.1020, 32.8780

Conversions

Conversions Part 2

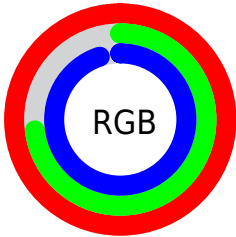
Format	Color
R _Y B	255, 185, 243
Decimal	16759283
CIE Lab	83.14, 34.22, -18.77
CIE LCh	83, 39.029, 331.252
Yxy	62.4290, 0.3249, 0.2713
Android (android.graphics.Color)	4294949363 (0xFFFFB9F3)
YUV	212.5420, 15.0158, 37.2357
Hunter-Lab	79.0120, 30.6296, -14.4170

Details

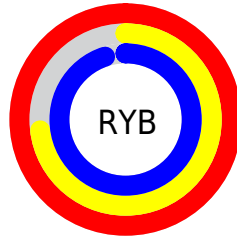
The Yxy color $62.4290, 0.3249, 0.2713$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $85.8527, 0.3026, 0.3945$, and the grayscale version is $66.1061, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.9843, 0.3133, 0.3165$, and $31.6908, 0.3266, 0.2580$ is the 20% darker color. If you saturate the color by 10%, you get $52.4419, 0.3304, 0.2502$, and if you desaturate by 10%, it is $74.3408, 0.3199, 0.2927$.

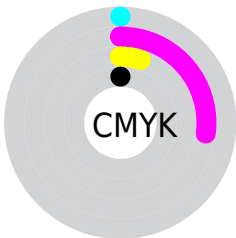
Distribution



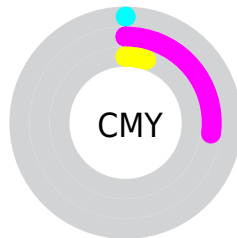
- Red (100%)
- Green (73%)
- Blue (95%)



- Red (100%)
- Yellow (73%)
- Blue (95%)



- Cyan (0%)
- Magenta (27%)
- Yellow (5%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.4290, 0.3249, 0.2713 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 62.4290, 0.3249, 0.2713 by changing the saturation by 10% instead.


 62.4290, 0.3249,
0.2713

 62.4290, 0.3249,
0.2713


433.4942, 0.3197,
0.2973

 45.3794, 0.3260,
0.2655


 108.3453, 0.3232,
0.2802

 31.7564, 0.3273,
0.2585

137.9809, 0.3225,
0.2837

 21.1755, 0.3288,
0.2497


172.5805, 0.3219,
0.2867

 13.2523, 0.3306,
0.2384

212.5287, 0.3214,
0.2894

 7.6025, 0.3329,
0.2235

258.2097, 0.3209,
0.2917

 3.8417, 0.3357,
0.2029

310.0081, 0.3204,


 1.5854, 0.3388,


0.2938


0.1730

368.3081, 0.3201,
0.2957


 0.3477, 0.3509,
0.1009


 0.0000, 0.1896,
0.0000


 62.4290, 0.3249,
0.2713


 62.4290, 0.3249,
0.2713

 52.4419, 0.3304,
0.2502


 74.3408, 0.3199,
0.2927

 44.2690, 0.3365,
0.2304

 88.2638, 0.3156,
0.3138

 37.8012, 0.3430,
0.2128

99.9961, 0.3127,
0.3290

 32.9142, 0.3497,
0.1984

■ 29.4670, 0.3564,
0.1882

■ 27.2935, 0.3629,
0.1825

■ 26.1771, 0.3690,
0.1814

■ 25.9791, 0.3706,
0.1815

Harmonies

Analogous

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



62.4290, 0.2764, 0.2531



62.4290, 0.3249, 0.2713



62.4290, 0.3734, 0.3023

Triad

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



62.4290, 0.3249, 0.2713



62.4290, 0.3864, 0.4090



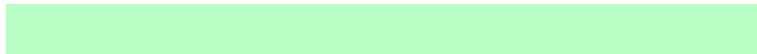
62.4290, 0.2279, 0.3060

Complementary

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



62.4290, 0.3249, 0.2713



85.8527, 0.3026, 0.3945

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.



62.4290, 0.2530, 0.3548



62.4290, 0.3249, 0.2713



62.4290, 0.3439, 0.4185

Square

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



62.4290, 0.3249, 0.2713



62.4290, 0.4098, 0.3790



62.4290, 0.2950, 0.3987



62.4290, 0.2237, 0.2693

Rectangle

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



62.4290, 0.3249, 0.2713



62.4290, 0.3976, 0.3274



62.4290, 0.2950, 0.3987



62.4290, 0.2340, 0.3215

Sweetspot

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



62.4318, 0.3249, 0.2713



87.4453, 0.3158, 0.3127



53.7484, 0.2726, 0.2512



18.2439, 0.3164, 0.3095



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.



62.4318, 0.3249, 0.2713



56.6571, 0.3279, 0.2595



60.5301, 0.3528, 0.3051



18.2439, 0.3164, 0.3095



13.5968, 0.3696, 0.1810



1.3373, 0.3631, 0.1774

Inverse Universe

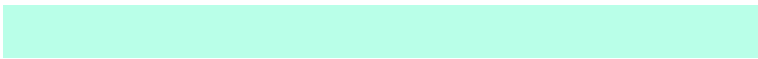
The Inverse Universe completely reimagines the original color for something new.



62.4318, 0.3249, 0.2713



56.6571, 0.3279, 0.2595



87.6295, 0.2843, 0.3545



18.2439, 0.3164, 0.3095



13.5968, 0.3696, 0.1810



1.3373, 0.3631, 0.1774

Previews

White Background



This preview shows how the Yxy color 62.4290, 0.3249, 0.2713 looks on a white background.

Color Contrast Check

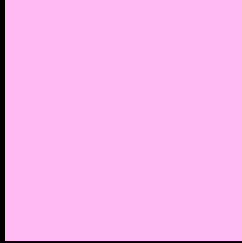
Large Text (above 18pt) WCAG AA × Fail

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 62.4290, 0.3249, 0.2713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

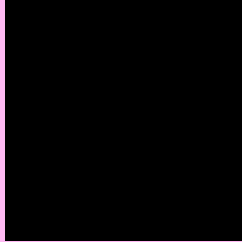
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.4290, 0.3249, 0.2713

Background



This preview shows how black text looks on a background with the Yxy color 62.4290, 0.3249, 0.2713.



This preview shows how white text looks on a background with the Yxy color 62.4290, 0.3249, 0.2713.

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

62.4290, 0.3249, 0.2713

Protanopia

62.6184, 0.2740, 0.2739

Deuteranopia

62.5294, 0.2940, 0.2873



Tritanopia

62.5283, 0.3486, 0.3134

Trichromacy



Original Color

62.4290, 0.3249, 0.2713



Protanomaly

62.1049, 0.2903, 0.2723



Deuteranomaly

62.3247, 0.3051, 0.2812



Tritanomaly

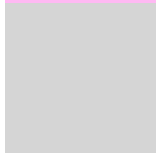
62.2579, 0.3402, 0.2972

Monochromacy



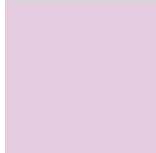
Original Color

62.4290, 0.3249, 0.2713



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

64.5877, 0.3168, 0.3063

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4290, 0.3249, 0.2713 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, 185, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 243)  
}
```

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, 185, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 243) }
```

Border

The CSS property to change the border of an element to Yxy 62.4290, 0.3249, 0.2713 is called "border". The border property can be set on classes, ids or directly on the HTML element.

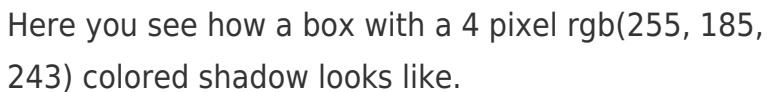
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 185, 243) }
```

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

```
.border{ border-color:rgb(255, 185, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 185, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4290, 0.3249, 0.2713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 243) }
```

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

```
.background{ background-color: rgb(255,  
185, 243) }
```

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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