

Converting Colors

$Y_{xy}(100.0000, 0.4259, 0.2886)$

Have a look what the booklet for
Yxy(100.0000, 0.4259, 0.2886)
contains.

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Color

Yxy(62.6117, 0.3226, 0.2686)

Conversions

Conversions Part 1

Format	Color
Hex	FFB9F6
RGB	255, 185, 246
RGB Percent	100%, 73%, 96%
CMY	0.0003, 0.2743, 0.0354
CMYK	0.00, 0.27, 0.04, 0.00
HSL	308°, 100%, 86%
HSV	308°, 27%, 100%
XYZ	75.1993, 62.6117, 95.2929
YIQ	212.8840, 22.1390, 33.8110

Conversions

Conversions Part 2

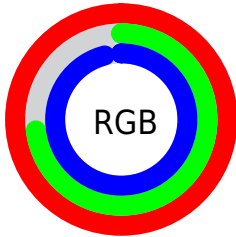
Format	Color
R _Y B	255, 185, 246
Decimal	16759286
CIE Lab	83.24, 34.70, -20.21
CIE LCh	83, 40.154, 329.785
Yxy	62.6117, 0.3226, 0.2686
Android (android.graphics.Color)	4294949366 (0xFFFFB9F6)
YUV	212.8840, 16.3262, 36.9357
Hunter-Lab	79.1276, 31.1652, -16.0133

Details

The Yxy color **62.6117, 0.3226, 0.2686** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **85.6851, 0.3042, 0.3980**, and the grayscale version is **66.3355, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **31.8206, 0.3235, 0.2546** is the 20% darker color. If you saturate the color by 10%, you get **52.6860, 0.3270, 0.2467**, and if you desaturate by 10%, it is **74.4587, 0.3186, 0.2910**.

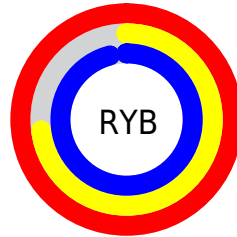
Distribution



Red (100%)

Green (73%)

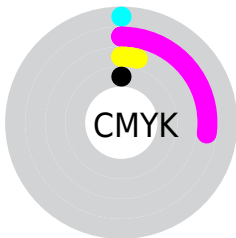
Blue (96%)



Red (100%)

Yellow (73%)

Blue (96%)

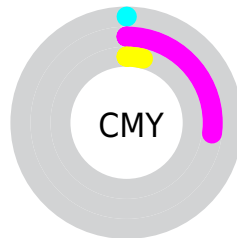


Cyan (0%)

Magenta (27%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.6117, 0.3226, 0.2686 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 62.6117, 0.3226, 0.2686 by changing the saturation by 10% instead.


 62.6117, 0.3226,
0.2686

 62.6117, 0.3226,
0.2686

434.1589, 0.3186,
0.2958

 45.5271, 0.3234,
0.2626


 108.6091, 0.3213,
0.2779

 31.8728, 0.3243,
0.2553


138.2908, 0.3208,
0.2815

 21.2644, 0.3254,
0.2461


172.9403, 0.3203,
0.2847

 13.3174, 0.3267,
0.2345

212.9420, 0.3199,
0.2875

 7.6475, 0.3281,
0.2191

258.6803, 0.3195,
0.2899

 3.8702, 0.3295,
0.1981


310.5396, 0.3191,


 1.6012, 0.3305,


0.2921


0.1677


368.9044, 0.3188,
0.2940


 0.3584, 0.3376,
0.0978


 0.0000, 0.1848,
0.0000


 62.6117, 0.3226,
0.2686


 62.6117, 0.3226,
0.2686

 52.6860, 0.3270,
0.2467


 74.4587, 0.3186,
0.2910

 44.5710, 0.3317,
0.2261

 88.3134, 0.3151,
0.3131

 38.1579, 0.3367,
0.2079

99.9854, 0.3127,
0.3290

 33.3225, 0.3417,
0.1930

■ 29.9240, 0.3467,
0.1822

■ 27.7964, 0.3514,
0.1759

■ 26.7239, 0.3558,
0.1741

■ 26.5351, 0.3569,
0.1740

Harmonies

Analogous

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



62.6117, 0.2732, 0.2507



62.6117, 0.3226, 0.2686



62.6117, 0.3729, 0.2998

Triad

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



62.6117, 0.3226, 0.2686



62.6117, 0.3900, 0.4099



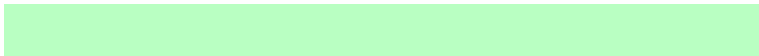
62.6117, 0.2265, 0.3075

Complementary

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



62.6117, 0.3226, 0.2686



85.6851, 0.3042, 0.3980

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.



62.6117, 0.2532, 0.3580



62.6117, 0.3226, 0.2686



62.6117, 0.3470, 0.4213

Square

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



62.6117, 0.3226, 0.2686



62.6117, 0.4130, 0.3783



62.6117, 0.2968, 0.4025



62.6117, 0.2212, 0.2691

Rectangle

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



62.6117, 0.3226, 0.2686



62.6117, 0.3985, 0.3252



62.6117, 0.2968, 0.4025



62.6117, 0.2331, 0.3237

Sweetspot

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



62.6145, 0.3226, 0.2686



87.5008, 0.3153, 0.3118



53.2950, 0.2703, 0.2508



18.2580, 0.3158, 0.3085



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.



62.6145, 0.3226, 0.2686



56.8748, 0.3250, 0.2562



60.7069, 0.3499, 0.3015



18.2580, 0.3158, 0.3085



13.8904, 0.3562, 0.1736



1.3632, 0.3516, 0.1710

Inverse Universe

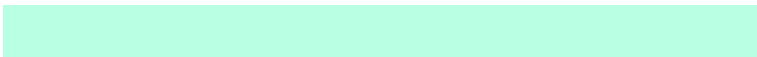
The Inverse Universe completely reimagines the original color for something new.



62.6145, 0.3226, 0.2686



56.8748, 0.3250, 0.2562



87.3996, 0.2861, 0.3584



18.2580, 0.3158, 0.3085



13.8904, 0.3562, 0.1736



1.3632, 0.3516, 0.1710

Previews

White Background



This preview shows how the Yxy color 62.6117, 0.3226, 0.2686 looks on a white background.

Color Contrast Check

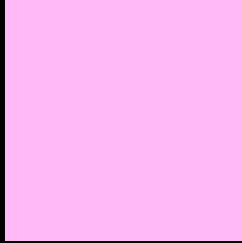
Large Text (above 18pt) WCAG AA × Fail

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 62.6117, 0.3226, 0.2686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

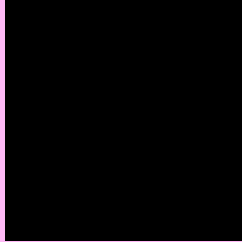
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.6117, 0.3226, 0.2686

Background



This preview shows how black text looks on a background with the Yxy color 62.6117, 0.3226, 0.2686.



This preview shows how white text looks on a background with the Yxy color 62.6117, 0.3226, 0.2686.

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

62.6117, 0.3226, 0.2686

Protanopia

63.0984, 0.2741, 0.2750

Deuteranopia

63.0318, 0.2914, 0.2852



Tritanopia

62.5283, 0.3486, 0.3134

Trichromacy



Original Color

62.6117, 0.3226, 0.2686



Protanomaly

62.1682, 0.2897, 0.2713



Deuteranomaly

62.3424, 0.3023, 0.2781



Tritanomaly

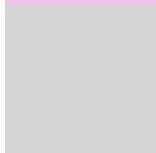
62.3111, 0.3394, 0.2962

Monochromacy



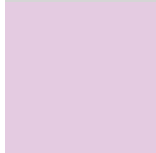
Original Color

62.6117, 0.3226, 0.2686



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

64.6421, 0.3161, 0.3053

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6117, 0.3226, 0.2686 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, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 246)  
}
```

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, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 246) }
```

Border

The CSS property to change the border of an element to Yxy 62.6117, 0.3226, 0.2686 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, 246) }
```

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

```
.border{ border-color:rgb(255, 185, 246) }
```

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, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 185, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 185, 246); box-shadow:4px 4px 4px 4px rgb(255, 185, 246) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6117, 0.3226, 0.2686 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, 246) }
```

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

```
.background{ background-color: rgb(255,  
185, 246) }
```

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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