

Converting Colors

$Y_{xy}(63.1279, 0.3260, 0.2697)$

Have a look what the booklet for
Yxy(63.1279, 0.3260, 0.2697)
contains.

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Color

Yxy(62.5505, 0.3234, 0.2695)

Conversions

Conversions Part 1

Format	Color
Hex	FFB9F5
RGB	255, 185, 245
RGB Percent	100%, 73%, 96%
CMY	0.0001, 0.2744, 0.0393
CMYK	0.00, 0.27, 0.04, 0.00
HSL	309°, 100%, 86%
HSV	309°, 27%, 100%
XYZ	75.0606, 62.5505, 94.4872
YIQ	212.7700, 22.4600, 33.5000

Conversions

Conversions Part 2

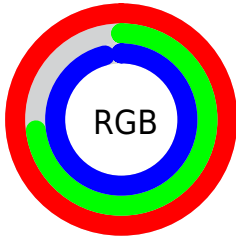
Format	Color
R _Y B	255, 185, 245
Decimal	16759285
CIE Lab	83.21, 34.55, -19.72
CIE LCh	83, 39.786, 330.283
Yxy	62.5505, 0.3234, 0.2695
Android (android.graphics.Color)	4294949365 (0xFFFFB9F5)
YUV	212.7700, 15.8894, 37.0357
Hunter-Lab	79.0889, 31.0028, -15.4714

Details

The Yxy color **62.5505, 0.3234, 0.2695** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **85.7615, 0.3036, 0.3968**, and the grayscale version is **66.2596, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **31.7770, 0.3246, 0.2557** is the 20% darker color. If you saturate the color by 10%, you get **52.6030, 0.3282, 0.2479**, and if you desaturate by 10%, it is **74.4209, 0.3191, 0.2916**.

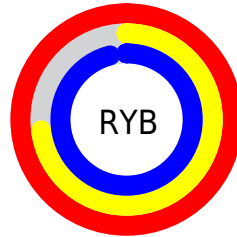
Distribution



Red (100%)

Green (73%)

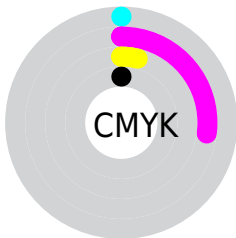
Blue (96%)



Red (100%)

Yellow (73%)

Blue (96%)

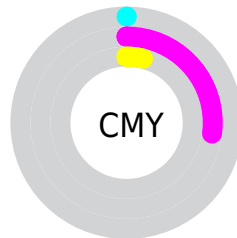


Cyan (0%)

Magenta (27%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.5505, 0.3234, 0.2695 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 62.5505, 0.3234, 0.2695 by changing the saturation by 10% instead.


 62.5505, 0.3234,
0.2695

 62.5505, 0.3234,
0.2695


433.9363, 0.3190,
0.2963

 45.4777, 0.3243,
0.2636


 108.5208, 0.3220,
0.2787

 31.8338, 0.3253,
0.2563

138.1870, 0.3214,
0.2822

 21.2346, 0.3266,
0.2473


172.8198, 0.3208,
0.2854

 13.2956, 0.3280,
0.2358

212.8036, 0.3204,
0.2881

 7.6324, 0.3297,
0.2206

258.5227, 0.3200,
0.2905

 3.8607, 0.3316,
0.1997

310.3616, 0.3196,

 1.5959, 0.3334,

0.2927

0.1694

368.7047, 0.3193,
0.2946

0.3548, 0.3421,
0.0988

0.0000, 0.1867,
0.0000

62.5505, 0.3234,
0.2695

62.5505, 0.3234,
0.2695

52.6030, 0.3282,
0.2479

74.4209, 0.3191,
0.2916

44.4677, 0.3334,
0.2276

88.3004, 0.3152,
0.3133

38.0357, 0.3388,
0.2095

99.9952, 0.3127,
0.3290

33.1827, 0.3444,
0.1948

■ 29.7677, 0.3500,
0.1842

■ 27.6246, 0.3553,
0.1782

■ 26.5370, 0.3603,
0.1766

■ 26.3459, 0.3615,
0.1765

Harmonies

Analogous

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



62.5505, 0.2743, 0.2515



62.5505, 0.3234, 0.2695



62.5505, 0.3732, 0.3006

Triad

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



62.5505, 0.3234, 0.2695



62.5505, 0.3888, 0.4096



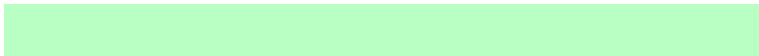
62.5505, 0.2269, 0.3069

Complementary

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



62.5505, 0.3234, 0.2695



85.7615, 0.3036, 0.3968

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.



62.5505, 0.2531, 0.3569



62.5505, 0.3234, 0.2695



62.5505, 0.3460, 0.4204

Square

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



62.5505, 0.3234, 0.2695



62.5505, 0.4120, 0.3786



62.5505, 0.2962, 0.4013



62.5505, 0.2220, 0.2691

Rectangle

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



62.5505, 0.3234, 0.2695



62.5505, 0.3982, 0.3260



62.5505, 0.2962, 0.4013



62.5505, 0.2334, 0.3229

Sweetspot

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



62.5533, 0.3234, 0.2695



87.4816, 0.3155, 0.3121



53.4405, 0.2710, 0.2509



18.2531, 0.3160, 0.3089



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.



62.5533, 0.3234, 0.2695



56.7989, 0.3260, 0.2574



60.6485, 0.3509, 0.3027



18.2531, 0.3160, 0.3089



13.7865, 0.3608, 0.1761



1.3540, 0.3555, 0.1732

Inverse Universe

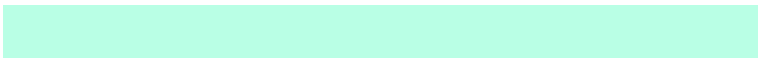
The Inverse Universe completely reimagines the original color for something new.



62.5533, 0.3234, 0.2695



56.7989, 0.3260, 0.2574



87.4961, 0.2855, 0.3571



18.2531, 0.3160, 0.3089



13.7865, 0.3608, 0.1761



1.3540, 0.3555, 0.1732

Previews

White Background



This preview shows how the Yxy color 62.5505, 0.3234, 0.2695 looks on a white background.

Color Contrast Check

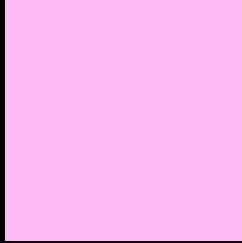
Large Text (above 18pt) WCAG AA × Fail

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 62.5505, 0.3234, 0.2695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

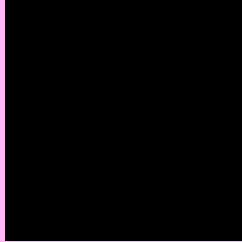
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.5505, 0.3234, 0.2695

Background



This preview shows how black text looks on a background with the Yxy color 62.5505, 0.3234, 0.2695.



This preview shows how white text looks on a background with the Yxy color 62.5505, 0.3234, 0.2695.

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

62.5505, 0.3234, 0.2695

Protanopia

63.0984, 0.2741, 0.2750

Deuteranopia

62.9716, 0.2920, 0.2862



Tritanopia

62.5283, 0.3486, 0.3134

Trichromacy



Original Color

62.5505, 0.3234, 0.2695



Protanomaly

62.1049, 0.2903, 0.2723



Deuteranomaly

62.2818, 0.3029, 0.2791



Tritanomaly

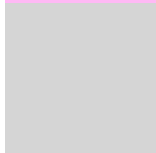
62.3111, 0.3394, 0.2962

Monochromacy



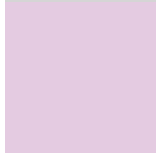
Original Color

62.5505, 0.3234, 0.2695



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 62.5505, 0.3234, 0.2695 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 245) }
```

Border

The CSS property to change the border of an element to Yxy 62.5505, 0.3234, 0.2695 is called "border". The border property can be set on classes, ids or directly on the HTML element.

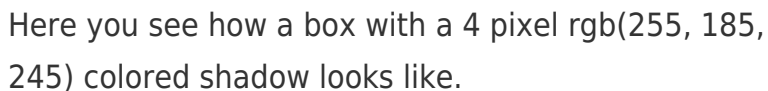
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 185, 245) }
```

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

```
.border{ border-color:rgb(255, 185, 245) }
```

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, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 185, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 185, 245); box-shadow:4px 4px 4px 4px rgb(255, 185, 245) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5505, 0.3234, 0.2695 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, 245) }
```

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

```
.background{ background-color: rgb(255,  
185, 245) }
```

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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