

Converting Colors

$Yxy(68.5406, 0.3565, 0.2807)$

Have a look what the booklet for
Yxy(68.5406, 0.3565, 0.2807)
contains.

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Color

Yxy(61.6554, 0.3297, 0.2759)

Conversions

Conversions Part 1

Format	Color
Hex	FFB8ED
RGB	255, 184, 237
RGB Percent	100%, 72%, 93%
CMY	0.0000, 0.2785, 0.0706
CMYK	0.00, 0.28, 0.07, 0.00
HSL	315°, 100%, 86%
HSV	315°, 28%, 100%
XYZ	73.6781, 61.6554, 88.1366
YIQ	211.2710, 25.3030, 31.5350

Conversions

Conversions Part 2

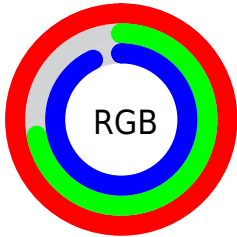
Format	Color
R _Y B	255, 184, 237
Decimal	16759021
CIE Lab	82.73, 33.75, -16.17
CIE LCh	83, 37.421, 334.401
Yxy	61.6554, 0.3297, 0.2759
Android (android.graphics.Color)	4294949101 (0xFFFFB8ED)
YUV	211.2710, 12.6844, 38.3503
Hunter-Lab	78.5210, 30.0792, -11.5860

Details

The Yxy color **61.6554, 0.3297, 0.2759** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **85.9723, 0.2993, 0.3888**, and the grayscale version is **65.2253, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **31.1718, 0.3330, 0.2638** is the 20% darker color. If you saturate the color by 10%, you get **51.6233, 0.3376, 0.2566**, and if you desaturate by 10%, it is **73.5991, 0.3227, 0.2954**.

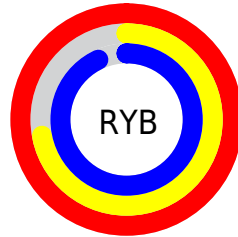
Distribution



Red (100%)

Green (72%)

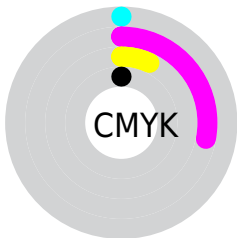
Blue (93%)



Red (100%)

Yellow (72%)

Blue (93%)

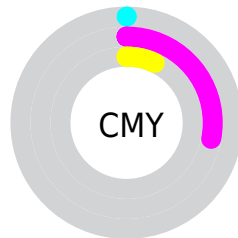


Cyan (0%)

Magenta (28%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (28%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.6554, 0.3297, 0.2759 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 61.6554, 0.3297, 0.2759 by changing the saturation by 10% instead.


 61.6554, 0.3297,
0.2759

 61.6554, 0.3297,
0.2759


430.6730, 0.3221,
0.3000

 44.7543, 0.3314,
0.2705

 107.2273, 0.3271,
0.2842

 31.2640, 0.3334,
0.2639


136.6670, 0.3261,
0.2874

 20.7999, 0.3358,
0.2556


171.0549, 0.3252,
0.2902

 12.9778, 0.3390,
0.2450

210.7755, 0.3245,
0.2927

 7.4133, 0.3430,
0.2308

256.2133, 0.3238,
0.2948

 3.7219, 0.3485,
0.2111

307.7525, 0.3232,

 1.5192, 0.3561,

0.2968

0.1818

365.7776, 0.3226,
0.2985

0.3022, 0.3813,
0.1010

0.0000, 0.1881,
0.0000

61.6554, 0.3297,
0.2759

61.6554, 0.3297,
0.2759

51.6233, 0.3376,
0.2566

73.5991, 0.3227,
0.2954

43.4170, 0.3464,
0.2384

87.5665, 0.3168,
0.3145

36.9185, 0.3560,
0.2222

100.0000, 0.3127,
0.3290

32.0029, 0.3663,
0.2092

■ 28.5281, 0.3768,
0.2003

■ 26.3264, 0.3872,
0.1962

■ 25.1739, 0.3972,
0.1969

■ 24.9935, 0.3993,
0.1973

Harmonies

Analogous

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



61.6554, 0.2823, 0.2568



61.6554, 0.3297, 0.2759



61.6554, 0.3754, 0.3070

Triad

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



61.6554, 0.3297, 0.2759



61.6554, 0.3802, 0.4082



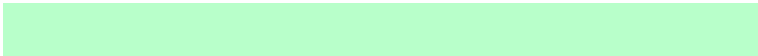
61.6554, 0.2294, 0.3025

Complementary

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



61.6554, 0.3297, 0.2759



85.9723, 0.2993, 0.3888

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.



61.6554, 0.2518, 0.3488



61.6554, 0.3297, 0.2759



61.6554, 0.3381, 0.4144

Square

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



61.6554, 0.3297, 0.2759



61.6554, 0.4051, 0.3811



61.6554, 0.2910, 0.3923



61.6554, 0.2275, 0.2689

Rectangle

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



61.6554, 0.3297, 0.2759



61.6554, 0.3971, 0.3316



61.6554, 0.2910, 0.3923



61.6554, 0.2347, 0.3171

Sweetspot

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



61.6497, 0.3297, 0.2759



87.3393, 0.3169, 0.3143



54.0157, 0.2761, 0.2508



18.2171, 0.3177, 0.3114



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.



61.6497, 0.3297, 0.2759



56.2507, 0.3336, 0.2659



59.7873, 0.3586, 0.3107



18.2171, 0.3177, 0.3114



13.0850, 0.3977, 0.1965



1.2917, 0.3870, 0.1906

Inverse Universe

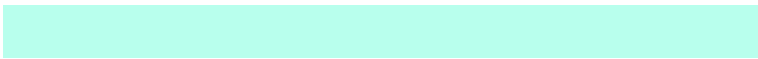
The Inverse Universe completely reimagines the original color for something new.



61.6497, 0.3297, 0.2759



56.2507, 0.3336, 0.2659



87.8375, 0.2809, 0.3483



18.2171, 0.3177, 0.3114



13.0850, 0.3977, 0.1965



1.2917, 0.3870, 0.1906

Previews

White Background



This preview shows how the Yxy color 61.6554, 0.3297, 0.2759 looks on a white background.

Color Contrast Check

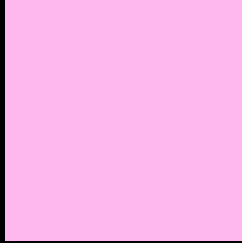
Large Text (above 18pt) WCAG AA × Fail

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 61.6554, 0.3297, 0.2759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

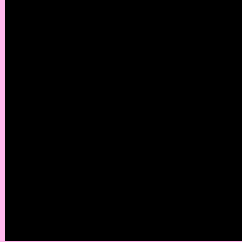
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.6554, 0.3297, 0.2759

Background



This preview shows how black text looks on a background with the Yxy color 61.6554, 0.3297, 0.2759.



This preview shows how white text looks on a background with the Yxy color 61.6554, 0.3297, 0.2759.

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

61.6554, 0.3297, 0.2759

Protanopia

61.8865, 0.2762, 0.2768

Deuteranopia

61.8599, 0.2987, 0.2925



Tritanopia

61.7439, 0.3514, 0.3134

Trichromacy



Original Color

61.6554, 0.3297, 0.2759



Protanomaly

61.3380, 0.2936, 0.2761



Deuteranomaly

61.5224, 0.3093, 0.2862



Tritanomaly

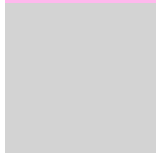
61.6716, 0.3427, 0.2992

Monochromacy



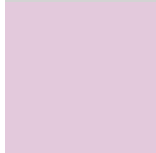
Original Color

61.6554, 0.3297, 0.2759



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

63.2715, 0.3191, 0.3083

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6554, 0.3297, 0.2759 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, 184, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 237)  
}
```

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, 184, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 237) }
```

Border

The CSS property to change the border of an element to Yxy 61.6554, 0.3297, 0.2759 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, 184, 237) }
```

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

```
.border{ border-color:rgb(255, 184, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6554, 0.3297, 0.2759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 237) }
```

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

```
.background{ background-color: rgb(255,  
184, 237) }
```

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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