

Converting Colors

$Y_{xy}(63.6280, 0.3203, 0.2607)$

Have a look what the booklet for
Yxy(63.6280, 0.3203, 0.2607)
contains.

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Color

Yxy(62.6967, 0.3167, 0.2604)

Conversions

Conversions Part 1

Format	Color
Hex	FFB8FE
RGB	255, 184, 254
RGB Percent	100%, 72%, 100%
CMY	0.0002, 0.2783, 0.0040
CMYK	0.00, 0.28, 0.00, 0.00
HSL	301°, 100%, 86%
HSV	301°, 28%, 100%
XYZ	76.2521, 62.6967, 101.8219
YIQ	213.2090, 19.8460, 36.8220

Conversions

Conversions Part 2

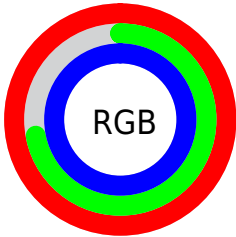
Format	Color
R _Y B	255, 184, 254
Decimal	16759038
CIE Lab	83.28, 36.65, -24.40
CIE LCh	83, 44.033, 326.345
Yxy	62.6967, 0.3167, 0.2604
Android (android.graphics.Color)	4294949118 (0xFFFFB8FE)
YUV	213.2090, 20.1100, 36.6507
Hunter-Lab	79.1812, 33.3296, -20.8162

Details

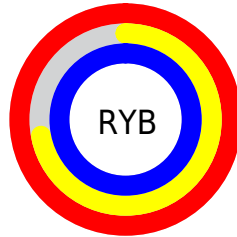
The Yxy color $62.6967, 0.3167, 0.2604$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $85.1870, 0.3084, 0.4087$, and the grayscale version is $66.5400, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.3906, 0.3133, 0.3156$, and $31.8668, 0.3166, 0.2456$ is the 20% darker color. If you saturate the color by 10%, you get $53.0197, 0.3182, 0.2364$, and if you desaturate by 10%, it is $74.2880, 0.3152, 0.2853$.

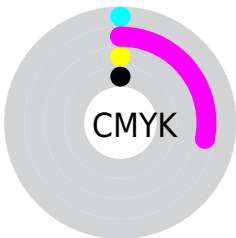
Distribution



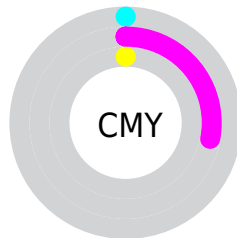
- Red (100%)
- Green (72%)
- Blue (100%)



- Red (100%)
- Yellow (72%)
- Blue (100%)



- Cyan (0%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.6967, 0.3167, 0.2604 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 62.6967, 0.3167, 0.2604 by changing the saturation by 10% instead.


 62.6967, 0.3167,
0.2604

 62.6967, 0.3167,
0.2604


434.4679, 0.3156,
0.2910

 45.5959, 0.3168,
0.2537

 108.7318, 0.3164,
0.2708

 31.9270, 0.3168,
0.2455


138.4349, 0.3163,
0.2749

 21.3058, 0.3167,
0.2355


173.1076, 0.3162,
0.2785

 13.3477, 0.3164,
0.2227

213.1342, 0.3160,
0.2816

 7.6684, 0.3156,
0.2060

258.8991, 0.3159,
0.2844

 3.8835, 0.3138,
0.1834

310.7868, 0.3158,

 1.6086, 0.3096,

0.2868

0.1516

369.1816, 0.3157,
0.2890

0.3634, 0.3054,
0.0850

0.0000, 0.1733,
0.0000

62.6967, 0.3167,
0.2604

62.6967, 0.3167,
0.2604

53.0197, 0.3182,
0.2364

74.2880, 0.3152,
0.2853

45.1463, 0.3196,
0.2141

87.8802, 0.3138,
0.3101

38.9669, 0.3209,
0.1946

99.9908, 0.3127,
0.3290

34.3570, 0.3221,
0.1788

■ 31.1747, 0.3231,
0.1671

■ 29.2528, 0.3238,
0.1598

■ 28.3681, 0.3244,
0.1566

■ 28.2424, 0.3245,
0.1561

Harmonies

Analogous

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



62.6967, 0.2641, 0.2430



62.6967, 0.3167, 0.2604



62.6967, 0.3729, 0.2926

Triad

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



62.6967, 0.3167, 0.2604



62.6967, 0.4011, 0.4138



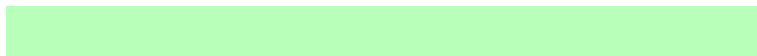
62.6967, 0.2210, 0.3109

Complementary

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



62.6967, 0.3167, 0.2604



85.1870, 0.3084, 0.4087

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.



62.6967, 0.2522, 0.3673



62.6967, 0.3167, 0.2604



62.6967, 0.3557, 0.4306

Square

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



62.6967, 0.3167, 0.2604



62.6967, 0.4234, 0.3772



62.6967, 0.3011, 0.4144



62.6967, 0.2128, 0.2670

Rectangle

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



62.6967, 0.3167, 0.2604



62.6967, 0.4028, 0.3195



62.6967, 0.3011, 0.4144



62.6967, 0.2290, 0.3291

Sweetspot

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



62.6995, 0.3167, 0.2604



87.6497, 0.3138, 0.3096



51.7062, 0.2638, 0.2482



18.2958, 0.3140, 0.3059



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.



62.6995, 0.3167, 0.2604



57.4743, 0.3175, 0.2478



60.6861, 0.3437, 0.2929



18.2958, 0.3140, 0.3059



14.7656, 0.3244, 0.1561



1.4390, 0.3240, 0.1558

Inverse Universe

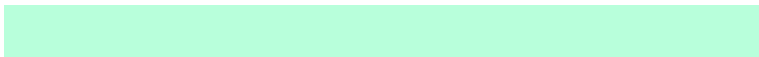
The Inverse Universe completely reimagines the original color for something new.



62.6995, 0.3167, 0.2604



57.4743, 0.3175, 0.2478



86.8240, 0.2901, 0.3684



18.2958, 0.3140, 0.3059



14.7656, 0.3244, 0.1561



1.4390, 0.3240, 0.1558

Previews

White Background



This preview shows how the Yxy color 62.6967, 0.3167, 0.2604 looks on a white background.

Color Contrast Check

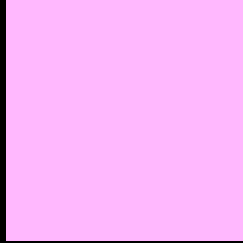
Large Text (above 18pt) WCAG AA × Fail

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 62.6967, 0.3167, 0.2604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

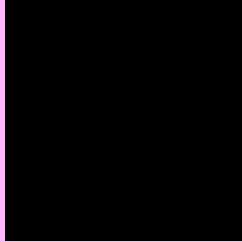
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.6967, 0.3167, 0.2604

Background



This preview shows how black text looks on a background with the Yxy color 62.6967, 0.3167, 0.2604.



This preview shows how white text looks on a background with the Yxy color 62.6967, 0.3167, 0.2604.

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

62.6967, 0.3167, 0.2604

Protanopia

63.0984, 0.2741, 0.2750

Deuteranopia

62.8794, 0.2842, 0.2777



Tritanopia

62.8337, 0.3468, 0.3134

Trichromacy



Original Color

62.6967, 0.3167, 0.2604



Protanomaly

62.3599, 0.2878, 0.2684



Deuteranomaly

62.2922, 0.2953, 0.2710



Tritanomaly

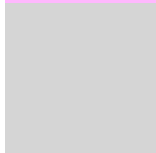
62.7724, 0.3353, 0.2932

Monochromacy



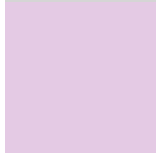
Original Color

62.6967, 0.3167, 0.2604



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

64.3365, 0.3140, 0.3010

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6967, 0.3167, 0.2604 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 254)  
}
```

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, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 254) }
```

Border

The CSS property to change the border of an element to Yxy 62.6967, 0.3167, 0.2604 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, 254) }
```

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

```
.border{ border-color:rgb(255, 184, 254) }
```

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, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6967, 0.3167, 0.2604 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, 254) }
```

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

```
.background{ background-color: rgb(255,  
184, 254) }
```

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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