

Converting Colors

$Yxy(64.0373, 0.3172, 0.2643)$

Have a look what the booklet for
Yxy(64.0373, 0.3172, 0.2643)
contains.

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Color

Yxy(63.8925, 0.3173, 0.2642)

Conversions

Conversions Part 1

Format	Color
Hex	FFBBFD
RGB	255, 187, 253
RGB Percent	100%, 73%, 99%
CMY	0.0001, 0.2666, 0.0079
CMYK	0.00, 0.27, 0.01, 0.00
HSL	302°, 100%, 87%
HSV	302°, 27%, 100%
XYZ	76.7339, 63.8925, 101.2075
YIQ	214.8560, 19.3420, 34.9420

Conversions

Conversions Part 2

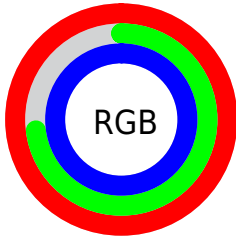
Format	Color
R_{YB}	255, 187, 253
Decimal	16759805
CIE _{Lab}	83.91, 34.93, -22.93
CIE _{LCh}	84, 41.779, 326.717
Yxy	63.8925, 0.3173, 0.2642
Android (android.graphics.Color)	4294949885 (0xFFFFBBFD)
YUV	214.8560, 18.8050, 35.2063
Hunter-Lab	79.9328, 31.4741, -19.1175

Details

The Yxy color **63.8925, 0.3173, 0.2642** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **85.7514, 0.3080, 0.4036**, and the grayscale version is **67.7146, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **32.6309, 0.3174, 0.2503** is the 20% darker color. If you saturate the color by 10%, you get **53.9714, 0.3192, 0.2403**, and if you desaturate by 10%, it is **75.7402, 0.3155, 0.2888**.

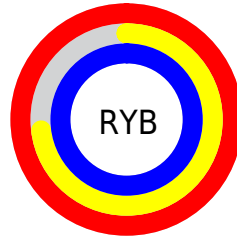
Distribution



Red (100%)

Green (73%)

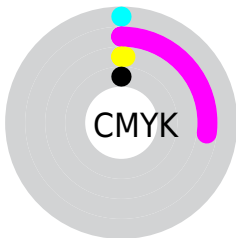
Blue (99%)



Red (100%)

Yellow (73%)

Blue (99%)

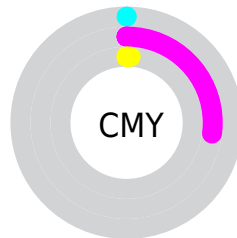


Cyan (0%)

Magenta (27%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (27%)

Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.8925, 0.3173, 0.2642 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 63.8925, 0.3173, 0.2642 by changing the saturation by 10% instead.

 63.8925, 0.3173,
0.2642

 63.8925, 0.3173,
0.2642

438.8013, 0.3158,
0.2931

 46.5636, 0.3175,
0.2579


 110.4561, 0.3169,
0.2740

 32.6908, 0.3177,
0.2501


140.4596, 0.3167,
0.2779

 21.8897, 0.3177,
0.2406


175.4568, 0.3165,
0.2813

 13.7759, 0.3177,
0.2284

215.8320, 0.3164,
0.2842

 7.9649, 0.3173,
0.2126

261.9697, 0.3162,
0.2869

 4.0725, 0.3161,
0.1910

314.2542, 0.3161,

 1.7142, 0.3130,

0.2892

0.1604

373.0699, 0.3160,
0.2913

0.4328, 0.3094,
0.1001

0.0000, 0.1960,
0.0000

63.8925, 0.3173,
0.2642

63.8925, 0.3173,
0.2642

53.9714, 0.3192,
0.2403

75.7402, 0.3155,
0.2888

45.8667, 0.3210,
0.2180

89.6001, 0.3138,
0.3132

39.4704, 0.3228,
0.1983

99.9971, 0.3127,
0.3290

34.6594, 0.3245,
0.1822

■ 31.2941, 0.3260,
0.1701

■ 29.2110, 0.3272,
0.1625

■ 28.2041, 0.3282,
0.1590

■ 28.0035, 0.3285,
0.1583

Harmonies

Analogous

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



63.8925, 0.2673, 0.2475



63.8925, 0.3173, 0.2642



63.8925, 0.3701, 0.2951

Triad

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



63.8925, 0.3173, 0.2642



63.8925, 0.3960, 0.4098



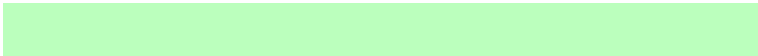
63.8925, 0.2256, 0.3116

Complementary

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



63.8925, 0.3173, 0.2642



85.7514, 0.3080, 0.4036

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.



63.8925, 0.2551, 0.3644



63.8925, 0.3173, 0.2642



63.8925, 0.3531, 0.4247

Square

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



63.8925, 0.3173, 0.2642



63.8925, 0.4171, 0.3756



63.8925, 0.3014, 0.4087



63.8925, 0.2179, 0.2702

Rectangle

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



63.8925, 0.3173, 0.2642



63.8925, 0.3980, 0.3208



63.8925, 0.3014, 0.4087



63.8925, 0.2332, 0.3287

Sweetspot

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



63.8953, 0.3173, 0.2642



87.6294, 0.3140, 0.3099



53.4762, 0.2670, 0.2522



18.2906, 0.3143, 0.3063



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.



63.8953, 0.3173, 0.2642



58.3675, 0.3183, 0.2513



61.9643, 0.3430, 0.2955



18.2906, 0.3143, 0.3063



14.6386, 0.3284, 0.1583



1.4281, 0.3275, 0.1578

Inverse Universe

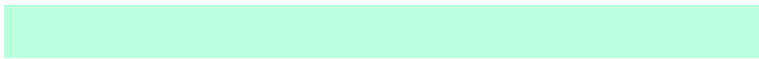
The Inverse Universe completely reimagines the original color for something new.



63.8953, 0.3173, 0.2642



58.3675, 0.3183, 0.2513



87.3579, 0.2903, 0.3652



18.2906, 0.3143, 0.3063



14.6386, 0.3284, 0.1583



1.4281, 0.3275, 0.1578

Previews

White Background



This preview shows how the Yxy color 63.8925, 0.3173, 0.2642 looks on a white background.

Color Contrast Check

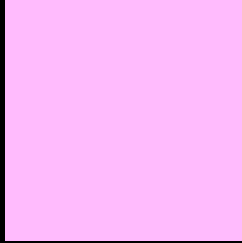
Large Text (above 18pt) WCAG AA × Fail

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 63.8925, 0.3173, 0.2642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

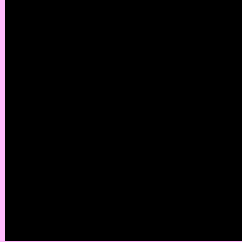
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.8925, 0.3173, 0.2642

Background



This preview shows how black text looks on a background with the Yxy color 63.8925, 0.3173, 0.2642.



This preview shows how white text looks on a background with the Yxy color 63.8925, 0.3173, 0.2642.

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

63.8925, 0.3173, 0.2642

Protanopia

64.3375, 0.2755, 0.2774

Deuteranopia

64.2664, 0.2863, 0.2803



Tritanopia

63.8231, 0.3448, 0.3134

Trichromacy



Original Color

63.8925, 0.3173, 0.2642



Protanomaly

63.5244, 0.2899, 0.2718



Deuteranomaly

63.5220, 0.2968, 0.2733



Tritanomaly

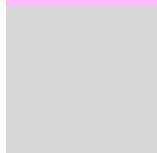
63.6995, 0.3342, 0.2942

Monochromacy



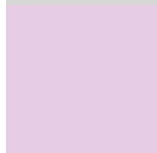
Original Color

63.8925, 0.3173, 0.2642



Achromatopsia

67.9542, 0.3127, 0.3290



Achromatomaly

66.1428, 0.3147, 0.3034

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8925, 0.3173, 0.2642 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, 187, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 253)  
}
```

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, 187, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 253) }
```

Border

The CSS property to change the border of an element to Yxy 63.8925, 0.3173, 0.2642 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, 187, 253) }
```

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

```
.border{ border-color:rgb(255, 187, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 187, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8925, 0.3173, 0.2642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 253) }
```

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

```
.background{ background-color: rgb(255,  
187, 253) }
```

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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