

Converting Colors

Yxy(63.4833, 0.3172, 0.2630)

Have a look what the booklet for
Yxy(63.4833, 0.3172, 0.2630)
contains.

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Color

Yxy(63.4697, 0.3174, 0.2632)

Conversions

Conversions Part 1

Format	Color
Hex	FFBAFD
RGB	255, 186, 253
RGB Percent	100%, 73%, 99%
CMY	0.0000, 0.2706, 0.0079
CMYK	0.00, 0.27, 0.01, 0.00
HSL	302°, 100%, 86%
HSV	302°, 27%, 100%
XYZ	76.5398, 63.4697, 101.1367
YIQ	214.2690, 19.6170, 35.4650

Conversions

Conversions Part 2

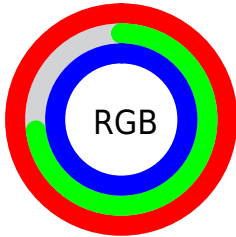
Format	Color
R _Y B	255, 186, 253
Decimal	16759549
CIE Lab	83.69, 35.49, -23.26
CIE LCh	84, 42.430, 326.753
Yxy	63.4697, 0.3174, 0.2632
Android (android.graphics.Color)	4294949629 (0xFFFFBAFD)
YUV	214.2690, 19.0944, 35.7211
Hunter-Lab	79.6679, 32.0727, -19.4999

Details

The Yxy color **63.4697, 0.3174, 0.2632** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **85.5881, 0.3080, 0.4050**, and the grayscale version is **67.2876, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5812, 0.3133, 0.3175**, and **32.3584, 0.3175, 0.2491** is the 20% darker color. If you saturate the color by 10%, you get **53.6147, 0.3192, 0.2393**, and if you desaturate by 10%, it is **75.2294, 0.3156, 0.2877**.

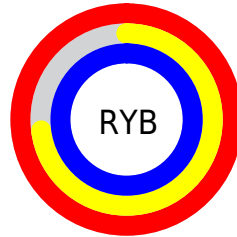
Distribution



Red (100%)

Green (73%)

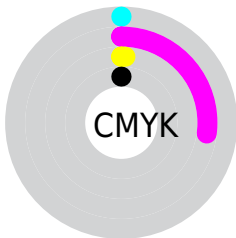
Blue (99%)



Red (100%)

Yellow (73%)

Blue (99%)

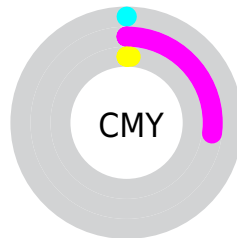


Cyan (0%)

Magenta (27%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.4697, 0.3174, 0.2632 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 63.4697, 0.3174, 0.2632 by changing the saturation by 10% instead.


 63.4697, 0.3174,
0.2632

 63.4697, 0.3174,
0.2632


437.2721, 0.3159,
0.2926

 46.2213, 0.3176,
0.2568


 109.8469, 0.3170,
0.2732

 32.4205, 0.3178,
0.2489


139.7444, 0.3168,
0.2771

 21.6829, 0.3178,
0.2392


174.6271, 0.3166,
0.2806

 13.6241, 0.3178,
0.2269

214.8794, 0.3165,
0.2836

 7.8597, 0.3174,
0.2108

260.8857, 0.3163,
0.2862

 4.0053, 0.3161,
0.1889


313.0303, 0.3162,


 1.6765, 0.3129,


0.2886


0.1580


371.6976, 0.3160,
0.2907


 0.4084, 0.3095,
0.0954


 0.0000, 0.1893,
0.0000


 63.4697, 0.3174,
0.2632


 63.4697, 0.3174,
0.2632

 53.6147, 0.3192,
0.2393


 75.2294, 0.3156,
0.2877

 45.5812, 0.3211,
0.2171

 89.0069, 0.3139,
0.3122

 39.2515, 0.3229,
0.1976

100.0000, 0.3127,
0.3290

 34.5020, 0.3245,
0.1816

■ 31.1924, 0.3260,
0.1697

■ 29.1576, 0.3272,
0.1622

■ 28.1871, 0.3282,
0.1589

■ 28.0110, 0.3285,
0.1583

Harmonies

Analogous

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



63.4697, 0.2666, 0.2462



63.4697, 0.3174, 0.2632



63.4697, 0.3712, 0.2945

Triad

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



63.4697, 0.3174, 0.2632



63.4697, 0.3974, 0.4111



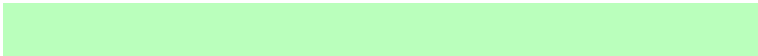
63.4697, 0.2242, 0.3111

Complementary

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



63.4697, 0.3174, 0.2632



85.5881, 0.3080, 0.4050

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.



63.4697, 0.2541, 0.3650



63.4697, 0.3174, 0.2632



63.4697, 0.3536, 0.4264

Square

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



63.4697, 0.3174, 0.2632



63.4697, 0.4190, 0.3763



63.4697, 0.3011, 0.4102



63.4697, 0.2164, 0.2691

Rectangle

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



63.4697, 0.3174, 0.2632



63.4697, 0.3996, 0.3206



63.4697, 0.3011, 0.4102



63.4697, 0.2318, 0.3285

Sweetspot

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



63.4634, 0.3174, 0.2632



87.6297, 0.3140, 0.3099



52.9142, 0.2661, 0.2509



18.2907, 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.



63.4634, 0.3174, 0.2632



58.3687, 0.3183, 0.2513



61.5047, 0.3436, 0.2950



18.2907, 0.3143, 0.3063



14.6405, 0.3283, 0.1582



1.4283, 0.3274, 0.1577

Inverse Universe

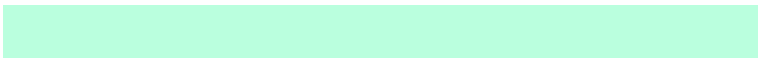
The Inverse Universe completely reimagines the original color for something new.



63.4634, 0.3174, 0.2632



58.3687, 0.3183, 0.2513



87.2123, 0.2900, 0.3658



18.2907, 0.3143, 0.3063



14.6405, 0.3283, 0.1582



1.4283, 0.3274, 0.1577

Previews

White Background



This preview shows how the Yxy color 63.4697, 0.3174, 0.2632 looks on a white background.

Color Contrast Check

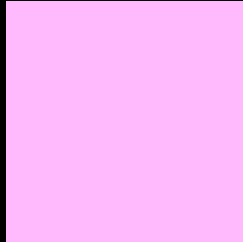
Large Text (above 18pt) WCAG AA × Fail

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 63.4697, 0.3174, 0.2632 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 63.4697, 0.3174, 0.2632

Background



This preview shows how black text looks on a background with the Yxy color 63.4697, 0.3174, 0.2632.



This preview shows how white text looks on a background with the Yxy color 63.4697, 0.3174, 0.2632.

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

63.4697, 0.3174, 0.2632

Protanopia

63.7160, 0.2748, 0.2762

Deuteranopia

63.6432, 0.2856, 0.2790



Tritanopia

63.3268, 0.3458, 0.3134

Trichromacy



Original Color

63.4697, 0.3174, 0.2632



Protanomaly

62.9080, 0.2891, 0.2706



Deuteranomaly

63.0663, 0.2968, 0.2723



Tritanomaly

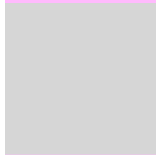
63.2071, 0.3351, 0.2942

Monochromacy



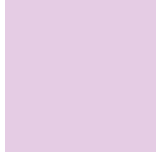
Original Color

63.4697, 0.3174, 0.2632



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

65.4452, 0.3147, 0.3033

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4697, 0.3174, 0.2632 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, 186, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 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, 186, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 253) }
```

Border

The CSS property to change the border of an element to Yxy 63.4697, 0.3174, 0.2632 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, 186, 253) }
```

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

```
.border{ border-color:rgb(255, 186, 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, 186, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4697, 0.3174, 0.2632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 253) }
```

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

```
.background{ background-color: rgb(255,  
186, 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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