

Converting Colors

$Yxy(67.2539, 0.3362, 0.2729)$

Have a look what the booklet for
Yxy(67.2539, 0.3362, 0.2729)
contains.

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Color

Yxy(63.5160, 0.3218, 0.2696)

Conversions

Conversions Part 1

Format	Color
Hex	FFBBF7
RGB	255, 187, 247
RGB Percent	100%, 73%, 97%
CMY	0.0000, 0.2667, 0.0313
CMYK	0.00, 0.27, 0.03, 0.00
HSL	307°, 100%, 87%
HSV	307°, 27%, 100%
XYZ	75.8140, 63.5160, 96.2635
YIQ	214.1720, 21.2680, 33.0760

Conversions

Conversions Part 2

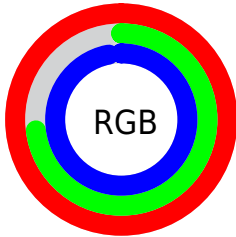
Format	Color
R _Y B	255, 187, 247
Decimal	16759799
CIE Lab	83.71, 33.91, -20.03
CIE LCh	84, 39.382, 329.421
Yxy	63.5160, 0.3218, 0.2696
Android (android.graphics.Color)	4294949879 (0xFFFFBBF7)
YUV	214.1720, 16.1842, 35.8062
Hunter-Lab	79.6969, 30.3336, -15.8267

Details

The Yxy color **63.5160, 0.3218, 0.2696** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.0214, 0.3048, 0.3967**, and the grayscale version is **67.2369, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1814, 0.3132, 0.3185**, and **32.4070, 0.3224, 0.2559** is the 20% darker color. If you saturate the color by 10%, you get **53.4504, 0.3258, 0.2474**, and if you desaturate by 10%, it is **75.4902, 0.3180, 0.2922**.

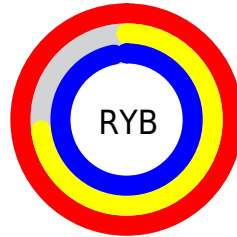
Distribution



Red (100%)

Green (73%)

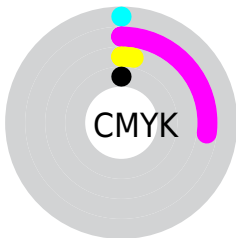
Blue (97%)



Red (100%)

Yellow (73%)

Blue (97%)

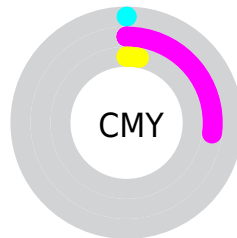


Cyan (0%)

Magenta (27%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.5160, 0.3218, 0.2696 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 63.5160, 0.3218, 0.2696 by changing the saturation by 10% instead.


 63.5160, 0.3218,
0.2696

 63.5160, 0.3218,
0.2696


437.4397, 0.3181,
0.2963

 46.2588, 0.3225,
0.2637

 109.9136, 0.3206,
0.2787

 32.4501, 0.3234,
0.2565


139.8228, 0.3201,
0.2823

 21.7055, 0.3243,
0.2476

174.7180, 0.3197,
0.2854

 13.6407, 0.3254,
0.2362


214.9838, 0.3193,
0.2881

 7.8712, 0.3266,
0.2212

261.0045, 0.3190,
0.2905

 4.0126, 0.3278,
0.2006

313.1644, 0.3187,

 1.6806, 0.3285,

0.2927

0.1708

371.8480, 0.3184,
0.2946

0.4111, 0.3331,
0.1072

0.0000, 0.2054,
0.0000

63.5160, 0.3218,
0.2696

63.5160, 0.3218,
0.2696

53.4504, 0.3258,
0.2474

75.4902, 0.3180,
0.2922

45.2146, 0.3302,
0.2265

89.4899, 0.3147,
0.3145

38.6899, 0.3348,
0.2079

100.0000, 0.3127,
0.3290

33.7532, 0.3395,
0.1926

■ 30.2650, 0.3440,
0.1814

■ 28.0615, 0.3484,
0.1747

■ 26.9366, 0.3524,
0.1724

■ 26.6979, 0.3537,
0.1722

Harmonies

Analogous

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



63.5160, 0.2736, 0.2523



63.5160, 0.3218, 0.2696



63.5160, 0.3710, 0.3000

Triad

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



63.5160, 0.3218, 0.2696



63.5160, 0.3887, 0.4078



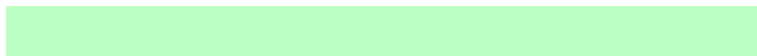
63.5160, 0.2286, 0.3087

Complementary

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



63.5160, 0.3218, 0.2696



86.0214, 0.3048, 0.3967

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.



63.5160, 0.2550, 0.3579



63.5160, 0.3218, 0.2696



63.5160, 0.3469, 0.4191

Square

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



63.5160, 0.3218, 0.2696



63.5160, 0.4107, 0.3769



63.5160, 0.2979, 0.4010



63.5160, 0.2231, 0.2708

Rectangle

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



63.5160, 0.3218, 0.2696



63.5160, 0.3961, 0.3250



63.5160, 0.2979, 0.4010



63.5160, 0.2352, 0.3245

Sweetspot

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



63.5084, 0.3218, 0.2696



87.5144, 0.3151, 0.3116



54.3436, 0.2716, 0.2532



18.2614, 0.3156, 0.3083



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.



63.5084, 0.3218, 0.2696



57.9184, 0.3239, 0.2577



61.5995, 0.3486, 0.3023



18.2614, 0.3156, 0.3083



13.9649, 0.3530, 0.1719



1.3697, 0.3489, 0.1696

Inverse Universe

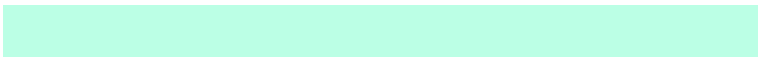
The Inverse Universe completely reimagines the original color for something new.



63.5084, 0.3218, 0.2696



57.9184, 0.3239, 0.2577



87.7354, 0.2868, 0.3575



18.2614, 0.3156, 0.3083



13.9649, 0.3530, 0.1719



1.3697, 0.3489, 0.1696

Previews

White Background



This preview shows how the Yxy color 63.5160, 0.3218, 0.2696 looks on a white background.

Color Contrast Check

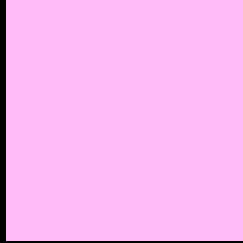
Large Text (above 18pt) WCAG AA × Fail

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 63.5160, 0.3218, 0.2696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

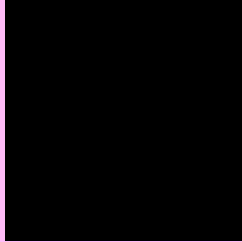
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.5160, 0.3218, 0.2696

Background



This preview shows how black text looks on a background with the Yxy color 63.5160, 0.3218, 0.2696.



This preview shows how white text looks on a background with the Yxy color 63.5160, 0.3218, 0.2696.

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

63.5160, 0.3218, 0.2696

Protanopia

63.8514, 0.2755, 0.2763

Deuteranopia

63.8635, 0.2922, 0.2855



Tritanopia

63.5110, 0.3466, 0.3135

Trichromacy



Original Color

63.5160, 0.3218, 0.2696



Protanomaly

63.3969, 0.2912, 0.2737



Deuteranomaly

63.4747, 0.3023, 0.2794



Tritanomaly

63.2848, 0.3375, 0.2963

Monochromacy



Original Color

63.5160, 0.3218, 0.2696



Achromatopsia

67.2443, 0.3127, 0.3290



Achromatomaly

65.3347, 0.3161, 0.3054

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.5160, 0.3218, 0.2696 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, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 247) }
```

Border

The CSS property to change the border of an element to Yxy 63.5160, 0.3218, 0.2696 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, 247) }
```

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

```
.border{ border-color:rgb(255, 187, 247) }
```

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, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 63.5160, 0.3218, 0.2696 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, 247) }
```

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

```
.background{ background-color: rgb(255,  
187, 247) }
```

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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