

Converting Colors

Yxy(66.5932, 0.3199, 0.2746)

Have a look what the booklet for
Yxy(66.5932, 0.3199, 0.2746)
contains.

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Color

Yxy(66.6831, 0.3198, 0.2747)

Conversions

Conversions Part 1

Format	Color
Hex	FFC2F9
RGB	255, 194, 249
RGB Percent	100%, 76%, 98%
CMY	0.0001, 0.2392, 0.0234
CMYK	0.00, 0.24, 0.02, 0.00
HSL	306°, 100%, 88%
HSV	306°, 24%, 100%
XYZ	77.6311, 66.6831, 98.4346
YIQ	218.5090, 18.7010, 30.0370

Conversions

Conversions Part 2

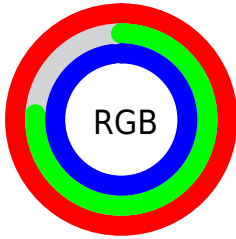
Format	Color
R _Y B	255, 194, 249
Decimal	16761593
CIE Lab	85.34, 30.55, -18.66
CIE LCh	85, 35.798, 328.591
Yxy	66.6831, 0.3198, 0.2747
Android (android.graphics.Color)	4294951673 (0xFFFFC2F9)
YUV	218.5090, 15.0321, 32.0026
Hunter-Lab	81.6597, 26.7893, -14.3078

Details

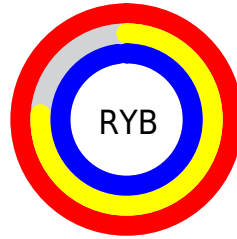
The Yxy color **66.6831, 0.3198, 0.2747** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **87.1485, 0.3063, 0.3901**, and the grayscale version is **70.3674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **34.5677, 0.3218, 0.2637** is the 20% darker color. If you saturate the color by 10%, you get **56.1386, 0.3233, 0.2519**, and if you desaturate by 10%, it is **79.1827, 0.3166, 0.2978**.

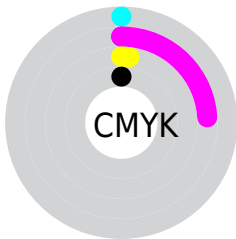
Distribution



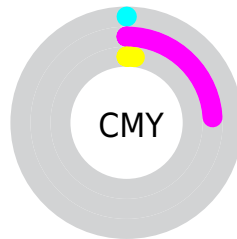
- Red (100%)
- Green (76%)
- Blue (98%)



- Red (100%)
- Yellow (76%)
- Blue (98%)



- Cyan (0%)
- Magenta (24%)
- Yellow (2%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.6831, 0.3198, 0.2747 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 66.6831, 0.3198, 0.2747 by changing the saturation by 10% instead.


 66.6831, 0.3198,
0.2747

 66.6831, 0.3198,
0.2747


448.8159, 0.3170,
0.2990

 48.8271, 0.3203,
0.2693


 114.4662, 0.3189,
0.2830

 34.4824, 0.3210,
0.2628


145.1621, 0.3185,
0.2862

 23.2644, 0.3217,
0.2547


180.9069, 0.3182,
0.2891

 14.7889, 0.3224,
0.2444

222.0847, 0.3179,
0.2916

 8.6713, 0.3233,
0.2308

269.0802, 0.3176,
0.2938

 4.5274, 0.3241,
0.2121


322.2776, 0.3174,


 1.9728, 0.3243,


0.2957


0.1851


382.0614, 0.3172,
0.2974

 0.5916, 0.3245,
0.1372


 0.0000, 0.2562,
0.0000


 66.6831, 0.3198,
0.2747


 66.6831, 0.3198,
0.2747

 56.1386, 0.3233,
0.2519


 79.1827, 0.3166,
0.2978

 47.4410, 0.3270,
0.2302

 93.7210, 0.3137,
0.3204

 40.4852, 0.3309,
0.2106

99.9971, 0.3127,
0.3290

 35.1516, 0.3349,
0.1941

■ 31.3058, 0.3387,
0.1814

■ 28.7920, 0.3424,
0.1733

■ 27.4195, 0.3457,
0.1695

■ 26.9776, 0.3476,
0.1689

Harmonies

Analogous

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



66.6831, 0.2767, 0.2594



66.6831, 0.3198, 0.2747



66.6831, 0.3638, 0.3022

Triad

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



66.6831, 0.3198, 0.2747



66.6831, 0.3819, 0.3994



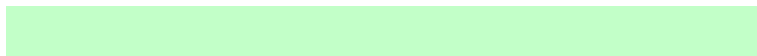
66.6831, 0.2373, 0.3124

Complementary

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



66.6831, 0.3198, 0.2747



87.1485, 0.3063, 0.3901

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.



66.6831, 0.2619, 0.3561



66.6831, 0.3198, 0.2747



66.6831, 0.3450, 0.4092

Square

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



66.6831, 0.3198, 0.2747



66.6831, 0.4007, 0.3719



66.6831, 0.3010, 0.3936



66.6831, 0.2316, 0.2778

Rectangle

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



66.6831, 0.3198, 0.2747



66.6831, 0.3864, 0.3248



66.6831, 0.3010, 0.3936



66.6831, 0.2435, 0.3266

Sweetspot

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



66.6860, 0.3198, 0.2747



89.0237, 0.3146, 0.3135



57.9601, 0.2751, 0.2617



18.8626, 0.3148, 0.3121



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.



66.6860, 0.3198, 0.2747



61.0925, 0.3215, 0.2630



64.9803, 0.3423, 0.3032



18.2680, 0.3153, 0.3078



14.1108, 0.3471, 0.1686



1.3824, 0.3438, 0.1667

Inverse Universe

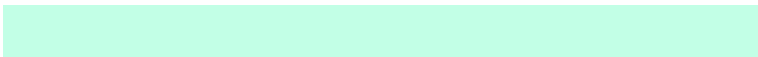
The Inverse Universe completely reimagines the original color for something new.



66.6860, 0.3198, 0.2747



61.0925, 0.3215, 0.2630



88.6701, 0.2904, 0.3564



18.2680, 0.3153, 0.3078



14.1108, 0.3471, 0.1686



1.3824, 0.3438, 0.1667

Previews

White Background



This preview shows how the Yxy color 66.6831, 0.3198, 0.2747 looks on a white background.

Color Contrast Check

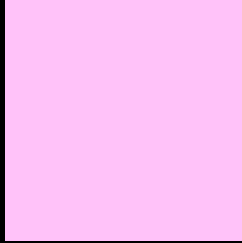
Large Text (above 18pt) WCAG AA × Fail

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 66.6831, 0.3198, 0.2747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

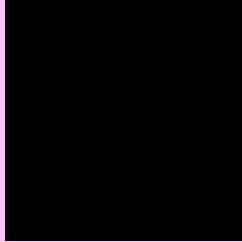
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.6831, 0.3198, 0.2747

Background



This preview shows how black text looks on a background with the Yxy color 66.6831, 0.3198, 0.2747.



This preview shows how white text looks on a background with the Yxy color 66.6831, 0.3198, 0.2747.

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

66.6831, 0.3198, 0.2747

Protanopia

67.1443, 0.2797, 0.2825

Deuteranopia

66.8256, 0.2952, 0.2884



Tritanopia

66.5904, 0.3401, 0.3125

Trichromacy



Original Color

66.6831, 0.3198, 0.2747



Protanomaly

66.4425, 0.2935, 0.2786



Deuteranomaly

66.5831, 0.3038, 0.2832



Tritanomaly

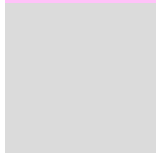
66.6851, 0.3328, 0.2985

Monochromacy



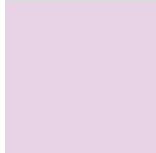
Original Color

66.6831, 0.3198, 0.2747



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

68.9622, 0.3152, 0.3078

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6831, 0.3198, 0.2747 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, 194, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 249)  
}
```

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, 194, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 249) }
```

Border

The CSS property to change the border of an element to Yxy 66.6831, 0.3198, 0.2747 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, 194, 249) }
```

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

```
.border{ border-color:rgb(255, 194, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6831, 0.3198, 0.2747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 249) }
```

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

```
.background{ background-color: rgb(255,  
194, 249) }
```

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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