

Converting Colors

$Y_{xy}(66.5543, 0.3271, 0.2852)$

Have a look what the booklet for
Yxy(66.5543, 0.3271, 0.2852)
contains.

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Color

Yxy(66.5222, 0.3271, 0.2851)

Conversions

Conversions Part 1

Format	Color
Hex	FFC3EF
RGB	255, 195, 239
RGB Percent	100%, 76%, 94%
CMY	0.0002, 0.2352, 0.0627
CMYK	0.00, 0.24, 0.06, 0.00
HSL	316°, 100%, 88%
HSV	316°, 24%, 100%
XYZ	76.3220, 66.5222, 90.4851
YIQ	217.9560, 21.6360, 26.4040

Conversions

Conversions Part 2

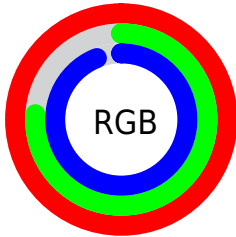
Format	Color
R _Y B	255, 195, 239
Decimal	16761839
CIE _{Lab}	85.26, 28.26, -13.44
CIE _{LCh}	85, 31.297, 334.560
Y _{xy}	66.5222, 0.3271, 0.2851
Android (android.graphics.Color)	4294951919 (0xFFFFC3EF)
Y _{UV}	217.9560, 10.3747, 32.4876
Hunter-Lab	81.5611, 24.3020, -8.6844

Details

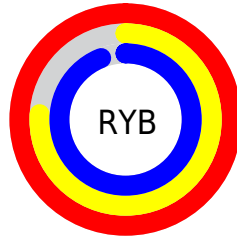
The Yxy color **66.5222, 0.3271, 0.2851** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **87.7952, 0.3009, 0.3773**, and the grayscale version is **69.9954, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **34.4744, 0.3306, 0.2756** is the 20% darker color. If you saturate the color by 10%, you get **55.6637, 0.3349, 0.2659**, and if you desaturate by 10%, it is **79.3521, 0.3203, 0.3042**.

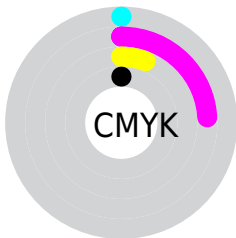
Distribution



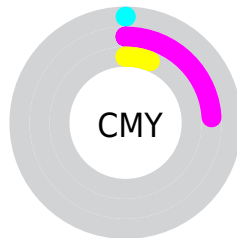
- Red (100%)
- Green (76%)
- Blue (94%)



- Red (100%)
- Yellow (76%)
- Blue (94%)



- Cyan (0%)
- Magenta (24%)
- Yellow (6%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.5222, 0.3271, 0.2851 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 66.5222, 0.3271, 0.2851 by changing the saturation by 10% instead.

 66.5222, 0.3271,
0.2851

 66.5222, 0.3271,
0.2851

448.2421, 0.3207,
0.3050

 48.6964, 0.3285,
0.2807

 114.2355, 0.3249,
0.2919

 34.3787, 0.3302,
0.2753


144.8918, 0.3241,
0.2946

 23.1847, 0.3323,
0.2685

180.5938, 0.3233,
0.2969

 14.7300, 0.3350,
0.2598

221.7258, 0.3227,
0.2989

 8.6301, 0.3385,
0.2482

268.6723, 0.3221,
0.3007

 4.5007, 0.3433,
0.2320


321.8175, 0.3216,


 1.9574, 0.3501,


0.3023


0.2081


381.5460, 0.3211,
0.3037


 0.5825, 0.3636,
0.1616


 0.0000, 0.3417,
0.0000


 66.5222, 0.3271,
0.2851


 66.5222, 0.3271,
0.2851

 55.6637, 0.3349,
0.2659


 79.3521, 0.3203,
0.3042

 46.6687, 0.3437,
0.2474

 94.2368, 0.3145,
0.3227

 39.4320, 0.3535,
0.2304

99.9905, 0.3127,
0.3290

 33.8348, 0.3641,
0.2161

■ 29.7433, 0.3751,
0.2055

■ 27.0023, 0.3862,
0.1995

■ 25.4231, 0.3971,
0.1984

■ 24.8439, 0.4040,
0.1999

Harmonies

Analogous

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



66.5222, 0.2882, 0.2690



66.5222, 0.3271, 0.2851



66.5222, 0.3640, 0.3113

Triad

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



66.5222, 0.3271, 0.2851



66.5222, 0.3682, 0.3941



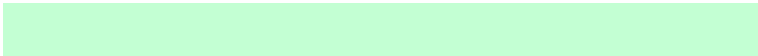
66.5222, 0.2438, 0.3079

Complementary

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



66.5222, 0.3271, 0.2851



87.7952, 0.3009, 0.3773

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.



66.5222, 0.2627, 0.3452



66.5222, 0.3271, 0.2851



66.5222, 0.3339, 0.3979

Square

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



66.5222, 0.3271, 0.2851



66.5222, 0.3881, 0.3728



66.5222, 0.2952, 0.3797



66.5222, 0.2422, 0.2799

Rectangle

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



66.5222, 0.3271, 0.2851



66.5222, 0.3814, 0.3320



66.5222, 0.2952, 0.3797



66.5222, 0.2483, 0.3198

Sweetspot

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



66.5252, 0.3271, 0.2851



88.8332, 0.3165, 0.3163



59.9616, 0.2827, 0.2643



18.8183, 0.3168, 0.3152



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.



66.5252, 0.3271, 0.2851



61.4315, 0.3305, 0.2764



64.9461, 0.3496, 0.3137



18.2130, 0.3179, 0.3117



13.0133, 0.4023, 0.1990



1.2852, 0.3908, 0.1927

Inverse Universe

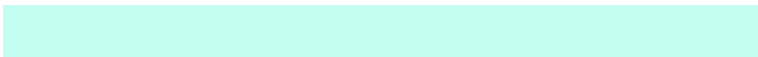
The Inverse Universe completely reimagines the original color for something new.



66.5252, 0.3271, 0.2851



61.4315, 0.3305, 0.2764



89.3831, 0.2855, 0.3449



18.2130, 0.3179, 0.3117



13.0133, 0.4023, 0.1990



1.2852, 0.3908, 0.1927

Previews

White Background



This preview shows how the Yxy color 66.5222, 0.3271, 0.2851 looks on a white background.

Color Contrast Check

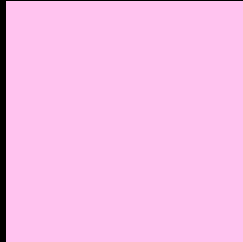
Large Text (above 18pt) WCAG AA × Fail

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 66.5222, 0.3271, 0.2851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

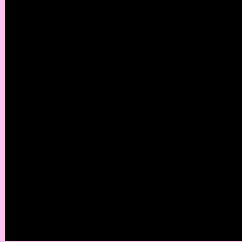
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.5222, 0.3271, 0.2851

Background



This preview shows how black text looks on a background with the Yxy color 66.5222, 0.3271, 0.2851.



This preview shows how white text looks on a background with the Yxy color 66.5222, 0.3271, 0.2851.

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

66.5222, 0.3271, 0.2851

Protanopia

67.1109, 0.2840, 0.2877

Deuteranopia

66.9142, 0.3039, 0.2979



Tritanopia

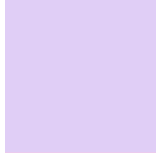
66.4486, 0.3427, 0.3126

Trichromacy



Original Color

66.5222, 0.3271, 0.2851



Protanomaly

66.6437, 0.2987, 0.2867



Deuteranomaly

66.5471, 0.3122, 0.2924



Tritanomaly

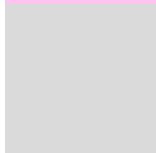
66.6526, 0.3366, 0.3026

Monochromacy



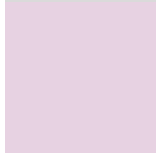
Original Color

66.5222, 0.3271, 0.2851



Achromatopsia

70.1102, 0.3127, 0.3290



Achromatomaly

68.5731, 0.3172, 0.3120

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5222, 0.3271, 0.2851 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, 195, 239)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 239)  
}
```

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, 195, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 239) }
```

Border

The CSS property to change the border of an element to Yxy 66.5222, 0.3271, 0.2851 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, 195, 239) }
```

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

```
.border{ border-color:rgb(255, 195, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 239);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5222, 0.3271, 0.2851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 195, 239) }
```

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

```
.background{ background-color: rgb(255,  
195, 239) }
```

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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