

Converting Colors

Yxy(66.0134, 0.3081, 0.2696)

Have a look what the booklet for
Yxy(66.0134, 0.3081, 0.2696)
contains.

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Color

Yxy(66.1123, 0.3080, 0.2699)

Conversions

Conversions Part 1

Format	Color
Hex	F5C4FF
RGB	245, 196, 255
RGB Percent	96%, 77%, 100%
CMY	0.0392, 0.2313, 0.0000
CMYK	0.04, 0.23, 0.00, 0.00
HSL	290°, 100%, 88%
HSV	290°, 23%, 100%
XYZ	75.4449, 66.1123, 103.3939
YIQ	217.3770, 10.2650, 28.7370

Conversions

Conversions Part 2

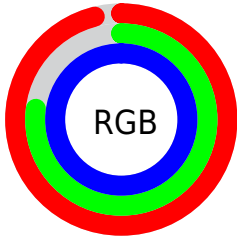
Format	Color
R _Y B	245, 196, 255
Decimal	16106751
CIE Lab	85.05, 27.37, -22.35
CIE LCh	85, 35.339, 320.768
Yxy	66.1123, 0.3080, 0.2699
Android (android.graphics.Color)	4294296831 (0xFFFF5C4FF)
YUV	217.3770, 18.5481, 24.2254
Hunter-Lab	81.3095, 23.3339, -18.4771

Details

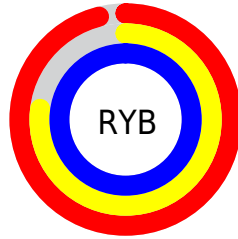
The Yxy color **66.1123, 0.3080, 0.2699** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.6292, 0.3158, 0.3932**, and the grayscale version is **69.5265, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7306, 0.3128, 0.3271**, and **34.1146, 0.3062, 0.2573** is the 20% darker color. If you saturate the color by 10%, you get **54.8032, 0.3052, 0.2435**, and if you desaturate by 10%, it is **79.3999, 0.3103, 0.2961**.

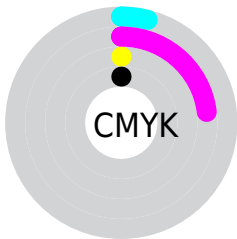
Distribution



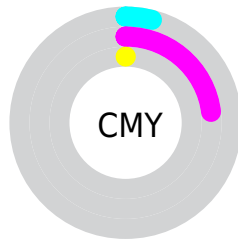
- Red (96%)
- Green (77%)
- Blue (100%)



- Red (96%)
- Yellow (77%)
- Blue (100%)



- Cyan (4%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.1123, 0.3080, 0.2699 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 66.1123, 0.3080, 0.2699 by changing the saturation by 10% instead.


 66.1123, 0.3080,
0.2699

 66.1123, 0.3080,
0.2699


446.7784, 0.3107,
0.2964

 48.3636, 0.3073,
0.2641


 113.6475, 0.3090,
0.2789

 34.1149, 0.3063,
0.2570


144.2028, 0.3094,
0.2825

 22.9819, 0.3050,
0.2482


179.7956, 0.3097,
0.2855

 14.5801, 0.3031,
0.2370

220.8106, 0.3100,
0.2882

 8.5252, 0.3004,
0.2223

267.6319, 0.3102,
0.2906

 4.4328, 0.2960,
0.2023


320.6441, 0.3104,


 1.9185, 0.2883,


0.2927


0.1736


380.2314, 0.3106,
0.2946


 0.5595, 0.2749,
0.1227


 0.0000, 0.1326,
0.0000


 66.1123, 0.3080,
0.2699


 66.1123, 0.3080,
0.2699

 54.8032, 0.3052,
0.2435

 79.3999, 0.3103,
0.2961

 45.3655, 0.3019,
0.2178

 94.7498, 0.3122,
0.3213

 37.6946, 0.2981,
0.1938

100.0000, 0.3127,
0.3290

 31.6717, 0.2940,
0.1726

■ 27.1636, 0.2896,
0.1552

■ 24.0164, 0.2851,
0.1422

■ 22.0427, 0.2806,
0.1339

■ 21.1813, 0.2775,
0.1302

Harmonies

Analogous

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



66.1123, 0.2675, 0.2585



66.1123, 0.3080, 0.2699



66.1123, 0.3526, 0.2944

Triad

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



66.1123, 0.3080, 0.2699



66.1123, 0.3882, 0.3929



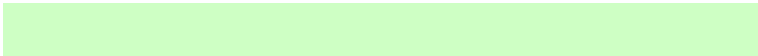
66.1123, 0.2427, 0.3235

Complementary

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



66.1123, 0.3080, 0.2699



88.6292, 0.3158, 0.3932

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.



66.1123, 0.2714, 0.3669



66.1123, 0.3080, 0.2699



66.1123, 0.3554, 0.4081

Square

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



66.1123, 0.3080, 0.2699



66.1123, 0.4007, 0.3628



66.1123, 0.3125, 0.3994



66.1123, 0.2320, 0.2858

Rectangle

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



66.1123, 0.3080, 0.2699



66.1123, 0.3779, 0.3159



66.1123, 0.3125, 0.3994



66.1123, 0.2504, 0.3380

Sweetspot

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



66.1150, 0.3080, 0.2699



88.5657, 0.3115, 0.3117



63.4964, 0.2741, 0.2759



18.7562, 0.3114, 0.3102



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.



66.1150, 0.3080, 0.2699



60.3706, 0.3067, 0.2570



66.8178, 0.3291, 0.2887



18.1354, 0.3111, 0.3054



11.1251, 0.2783, 0.1306



1.1226, 0.2834, 0.1335

Inverse Universe

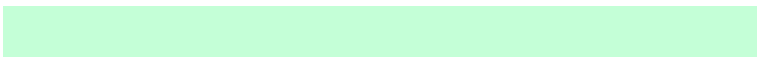
The Inverse Universe completely reimagines the original color for something new.



65.1999, 0.3527, 0.3188



59.3472, 0.3639, 0.3165



88.1470, 0.2995, 0.3731



18.0373, 0.3268, 0.3250



11.2155, 0.6155, 0.3164



1.1054, 0.5873, 0.3009

Previews

White Background



This preview shows how the Yxy color 66.1123, 0.3080, 0.2699 looks on a white background.

Color Contrast Check

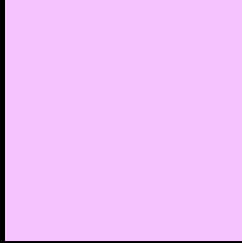
Large Text (above 18pt) WCAG AA × Fail

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 66.1123, 0.3080, 0.2699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

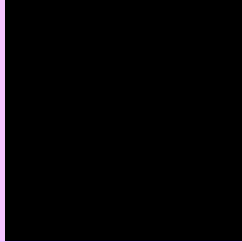
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.1123, 0.3080, 0.2699

Background



This preview shows how black text looks on a background with the Yxy color 66.1123, 0.3080, 0.2699.

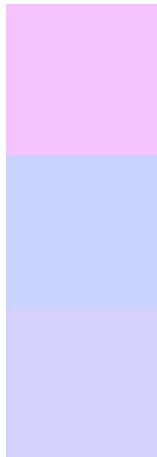


This preview shows how white text looks on a background with the Yxy color 66.1123, 0.3080, 0.2699.

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

66.1123, 0.3080, 0.2699

Protanopia

66.3651, 0.2784, 0.2812

Deuteranopia

66.4997, 0.2874, 0.2809



Tritanopia

66.2991, 0.3304, 0.3132

Trichromacy



Original Color

66.1123, 0.3080, 0.2699



Protanomaly

66.2680, 0.2888, 0.2772



Deuteranomaly

66.3490, 0.2942, 0.2768



Tritanomaly

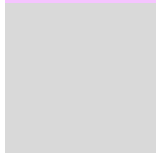
65.9553, 0.3227, 0.2968

Monochromacy



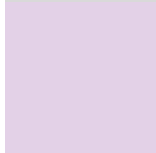
Original Color

66.1123, 0.3080, 0.2699



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

67.7013, 0.3109, 0.3055

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1123, 0.3080, 0.2699 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(245, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 196, 255)  
}
```

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(245, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 196, 255) }
```

Border

The CSS property to change the border of an element to Yxy 66.1123, 0.3080, 0.2699 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(245, 196, 255) }
```

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

```
.border{ border-color:rgb(245, 196, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 196, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 196, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 196,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1123, 0.3080, 0.2699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 196, 255) }
```

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

```
.background{ background-color: rgb(245,  
196, 255) }
```

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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