

Converting Colors

Yxy(66.3104, 0.3079, 0.2720)

Have a look what the booklet for
Yxy(66.3104, 0.3079, 0.2720)
contains.

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Color

Yxy(66.3214, 0.3079, 0.2717)

Conversions

Conversions Part 1

Format	Color
Hex	F4C5FE
RGB	244, 197, 254
RGB Percent	96%, 77%, 100%
CMY	0.0433, 0.2274, 0.0039
CMYK	0.04, 0.22, 0.00, 0.00
HSL	289°, 97%, 88%
HSV	289°, 22%, 100%
XYZ	75.1577, 66.3214, 102.6188
YIQ	217.5510, 9.7150, 27.6910

Conversions

Conversions Part 2

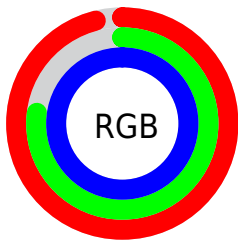
Format	Color
R _Y B	244, 197, 254
Decimal	16041470
CIE Lab	85.16, 26.33, -21.67
CIE LCh	85, 34.101, 320.536
Yxy	66.3214, 0.3079, 0.2717
Android (android.graphics.Color)	4294231550 (0xFFFF4C5FE)
YUV	217.5510, 17.9694, 23.1958
Hunter-Lab	81.4380, 22.2183, -17.7039

Details

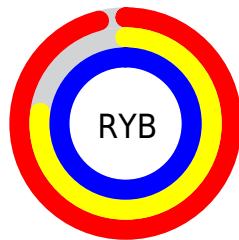
The Yxy color **66.3214, 0.3079, 0.2717** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.2002, 0.3160, 0.3910**, and the grayscale version is **69.6558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **34.2409, 0.3062, 0.2595** is the 20% darker color. If you saturate the color by 10%, you get **54.9519, 0.3050, 0.2452**, and if you desaturate by 10%, it is **79.6597, 0.3103, 0.2979**.

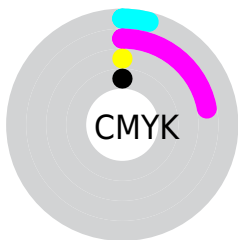
Distribution



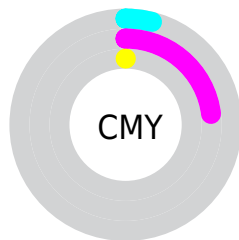
- Red (96%)
- Green (77%)
- Blue (100%)



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



- Cyan (4%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.3214, 0.3079, 0.2717 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 66.3214, 0.3079, 0.2717 by changing the saturation by 10% instead.

 66.3214, 0.3079,
0.2717

 66.3214, 0.3079,
0.2717


447.5254, 0.3106,
0.2974

 48.5334, 0.3072,
0.2660


113.9475, 0.3089,
0.2804

 34.2495, 0.3062,
0.2591


144.5544, 0.3093,
0.2839

 23.0853, 0.3049,
0.2506


180.2029, 0.3096,
0.2869

 14.6565, 0.3031,
0.2397

221.2776, 0.3099,
0.2895

 8.5787, 0.3004,
0.2253

268.1628, 0.3101,
0.2918

 4.4674, 0.2961,
0.2057


321.2429, 0.3103,


 1.9383, 0.2885,


0.2939


0.1774


380.9023, 0.3105,
0.2957

 0.5713, 0.2754,
0.1274


 0.0000, 0.1252,
0.0000


 66.3214, 0.3079,
0.2717


 66.3214, 0.3079,
0.2717

 54.9519, 0.3050,
0.2452


 79.6597, 0.3103,
0.2979

 45.4451, 0.3015,
0.2194

 95.0488, 0.3123,
0.3231

 37.6981, 0.2976,
0.1951

99.9368, 0.3133,
0.3299

 31.5941, 0.2933,
0.1735

■ 27.0024, 0.2888,
0.1557

■ 23.7721, 0.2840,
0.1423

■ 21.7207, 0.2793,
0.1335

■ 20.7483, 0.2758,
0.1293

Harmonies

Analogous

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



66.3214, 0.2689, 0.2608



66.3214, 0.3079, 0.2717



66.3214, 0.3509, 0.2954

Triad

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



66.3214, 0.3079, 0.2717



66.3214, 0.3858, 0.3906



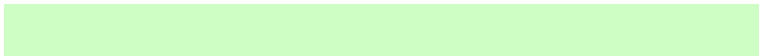
66.3214, 0.2452, 0.3241

Complementary

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



66.3214, 0.3079, 0.2717



88.2002, 0.3160, 0.3910

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.



66.3214, 0.2732, 0.3657



66.3214, 0.3079, 0.2717



66.3214, 0.3543, 0.4052

Square

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



66.3214, 0.3079, 0.2717



66.3214, 0.3975, 0.3616



66.3214, 0.3129, 0.3969



66.3214, 0.2347, 0.2877

Rectangle

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



66.3214, 0.3079, 0.2717



66.3214, 0.3753, 0.3161



66.3214, 0.3129, 0.3969



66.3214, 0.2528, 0.3381

Sweetspot

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



66.3243, 0.3079, 0.2717



88.5435, 0.3115, 0.3117



63.8810, 0.2754, 0.2777



18.7510, 0.3113, 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.



66.3243, 0.3079, 0.2717



61.4318, 0.3066, 0.2596



67.0677, 0.3285, 0.2899



18.1289, 0.3110, 0.3054



10.9955, 0.2766, 0.1297



1.1111, 0.2819, 0.1327

Inverse Universe

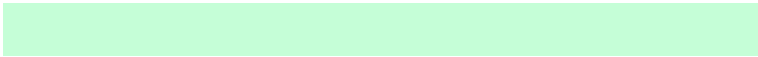
The Inverse Universe completely reimagines the original color for something new.



65.5216, 0.3508, 0.3188



60.5314, 0.3611, 0.3165



87.6761, 0.2998, 0.3716



18.0393, 0.3266, 0.3248



11.2226, 0.6139, 0.3156



1.1063, 0.5854, 0.2998

Previews

White Background



This preview shows how the Yxy color 66.3214, 0.3079, 0.2717 looks on a white background.

Color Contrast Check

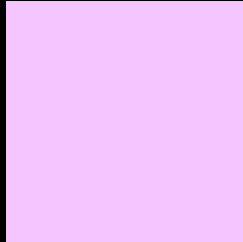
Large Text (above 18pt) WCAG AA × Fail

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 66.3214, 0.3079, 0.2717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

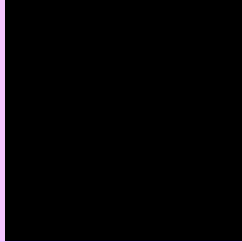
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.3214, 0.3079, 0.2717

Background



This preview shows how black text looks on a background with the Yxy color 66.3214, 0.3079, 0.2717.



This preview shows how white text looks on a background with the Yxy color 66.3214, 0.3079, 0.2717.

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

66.3214, 0.3079, 0.2717

Protanopia

66.5050, 0.2790, 0.2813

Deuteranopia

66.5871, 0.2887, 0.2820



Tritanopia

66.1771, 0.3289, 0.3121

Trichromacy



Original Color

66.3214, 0.3079, 0.2717

Protanomaly

66.2680, 0.2888, 0.2772

Deuteranomaly

66.4463, 0.2956, 0.2778

Tritanomaly

66.3003, 0.3211, 0.2968

Monochromacy



Original Color

66.3214, 0.3079, 0.2717

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

68.1936, 0.3108, 0.3065

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3214, 0.3079, 0.2717 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(244, 197, 254)` looks like.

```
.text, #text, p{  
    color:rgb(244, 197, 254)  
}
```

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(244, 197, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 197, 254) }
```

Border

The CSS property to change the border of an element to Yxy 66.3214, 0.3079, 0.2717 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(244, 197, 254) }
```

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

```
.border{ border-color:rgb(244, 197, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 197, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 197, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 197, 254);  
box-shadow:4px 4px 4px 4px rgb(244, 197,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3214, 0.3079, 0.2717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 197, 254) }
```

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

```
.background{ background-color: rgb(244,  
197, 254) }
```

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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