

Converting Colors

$Yxy(68.3371, 0.3087, 0.2745)$

Have a look what the booklet for
Yxy(68.3371, 0.3087, 0.2745)
contains.

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Color

Yxy(68.1214, 0.3086, 0.2741)

Conversions

Conversions Part 1

Format	Color
Hex	F6C8FF
RGB	246, 200, 255
RGB Percent	96%, 78%, 100%
CMY	0.0355, 0.2156, 0.0000
CMYK	0.04, 0.22, 0.00, 0.00
HSL	290°, 100%, 89%
HSV	290°, 22%, 100%
XYZ	76.6956, 68.1214, 103.7105
YIQ	220.0240, 9.7610, 26.8570

Conversions

Conversions Part 2

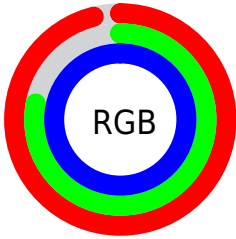
Format	Color
R_{YB}	246, 200, 255
Decimal	16173311
CIE Lab	86.07, 25.55, -20.80
CIE LCh	86, 32.948, 320.846
Yxy	68.1214, 0.3086, 0.2741
Android (android.graphics.Color)	4294363391 (0xFFFF6C8FF)
YUV	220.0240, 17.2432, 22.7810
Hunter-Lab	82.5357, 21.4322, -16.7261

Details

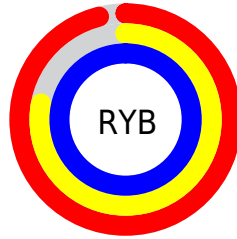
The Yxy color **68.1214, 0.3086, 0.2741** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **89.2559, 0.3155, 0.3884**, and the grayscale version is **71.4593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.4538, 0.3071, 0.2626** is the 20% darker color. If you saturate the color by 10%, you get **56.5291, 0.3060, 0.2477**, and if you desaturate by 10%, it is **81.7065, 0.3108, 0.3002**.

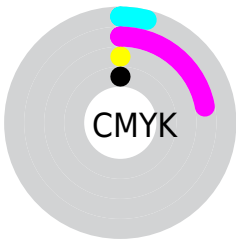
Distribution



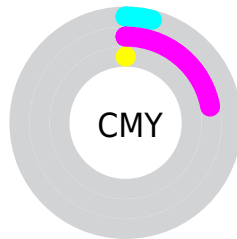
- Red (96%)
- Green (78%)
- Blue (100%)



- Red (96%)
- Yellow (78%)
- Blue (100%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.1214, 0.3086, 0.2741 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 68.1214, 0.3086, 0.2741 by changing the saturation by 10% instead.


 68.1214, 0.3086,
0.2741

 68.1214, 0.3086,
0.2741

453.9260, 0.3110,
0.2986

 49.9965, 0.3080,
0.2687


116.5258, 0.3095,
0.2824

 35.4106, 0.3071,
0.2621


147.5741, 0.3098,
0.2857

 23.9794, 0.3060,
0.2540


183.6990, 0.3101,
0.2886

 15.3183, 0.3044,
0.2436

225.2848, 0.3103,
0.2911

 9.0431, 0.3021,
0.2300

272.7161, 0.3105,
0.2933

 4.7693, 0.2983,
0.2113

326.3771, 0.3107,

 2.1125, 0.2917,

0.2953

0.1845

386.6523, 0.3108,
0.2971

0.6717, 0.2794,
0.1405

0.0000, 0.1763,
0.0000

68.1214, 0.3086,
0.2741

68.1214, 0.3086,
0.2741

56.5291, 0.3060,
0.2477

81.7065, 0.3108,
0.3002

46.8232, 0.3029,
0.2219

97.3665, 0.3125,
0.3252

38.9004, 0.2993,
0.1976

99.9998, 0.3127,
0.3290

32.6441, 0.2954,
0.1760

■ 27.9240, 0.2912,
0.1581

■ 24.5896, 0.2868,
0.1445

■ 22.4605, 0.2824,
0.1355

■ 21.3686, 0.2788,
0.1309

Harmonies

Analogous

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



68.1214, 0.2710, 0.2635



68.1214, 0.3086, 0.2741



68.1214, 0.3497, 0.2971

Triad

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



68.1214, 0.3086, 0.2741



68.1214, 0.3825, 0.3884



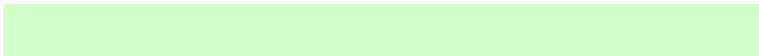
68.1214, 0.2478, 0.3241

Complementary

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



68.1214, 0.3086, 0.2741



89.2559, 0.3155, 0.3884

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.



68.1214, 0.2746, 0.3637



68.1214, 0.3086, 0.2741



68.1214, 0.3523, 0.4019

Square

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



68.1214, 0.3086, 0.2741



68.1214, 0.3939, 0.3608



68.1214, 0.3126, 0.3936



68.1214, 0.2377, 0.2893

Rectangle

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



68.1214, 0.3086, 0.2741



68.1214, 0.3729, 0.3171



68.1214, 0.3126, 0.3936



68.1214, 0.2550, 0.3374

Sweetspot

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



68.1243, 0.3086, 0.2741



90.1491, 0.3118, 0.3142



65.1966, 0.2770, 0.2790



19.0760, 0.3117, 0.3126



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.



68.1243, 0.3086, 0.2741



62.7346, 0.3075, 0.2624



68.6760, 0.3284, 0.2924



18.1401, 0.3111, 0.3054



11.2220, 0.2795, 0.1313



1.1311, 0.2845, 0.1341

Inverse Universe

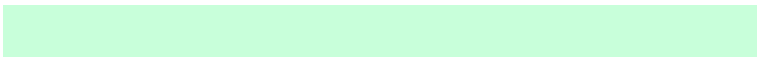
The Inverse Universe completely reimagines the original color for something new.



67.1879, 0.3495, 0.3198



61.6784, 0.3594, 0.3178



88.8815, 0.2998, 0.3687



18.0358, 0.3268, 0.3251



11.2103, 0.6166, 0.3171



1.1046, 0.5888, 0.3017

Previews

White Background



This preview shows how the Yxy color 68.1214, 0.3086, 0.2741 looks on a white background.

Color Contrast Check

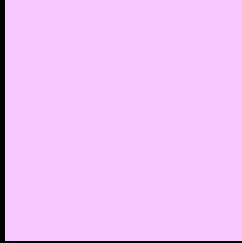
Large Text (above 18pt) WCAG AA × Fail

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 68.1214, 0.3086, 0.2741 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 68.1214, 0.3086, 0.2741

Background



This preview shows how black text looks on a background with the Yxy color 68.1214, 0.3086, 0.2741.



This preview shows how white text looks on a background with the Yxy color 68.1214, 0.3086, 0.2741.

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

68.1214, 0.3086, 0.2741

Protanopia

68.4349, 0.2812, 0.2849

Deuteranopia

68.0905, 0.2902, 0.2835



Tritanopia

68.1173, 0.3279, 0.3123

Trichromacy



Original Color

68.1214, 0.3086, 0.2741



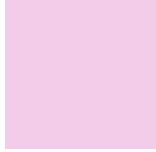
Protanomaly

68.1931, 0.2909, 0.2807



Deuteranomaly

67.7924, 0.2963, 0.2792



Tritanomaly

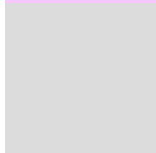
68.1809, 0.3209, 0.2981

Monochromacy



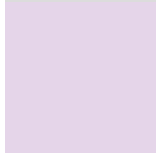
Original Color

68.1214, 0.3086, 0.2741



Achromatopsia

71.5694, 0.3127, 0.3290



Achromatomaly

70.1297, 0.3108, 0.3078

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.1214, 0.3086, 0.2741 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(246, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 200, 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(246, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 200, 255) }
```

Border

The CSS property to change the border of an element to Yxy 68.1214, 0.3086, 0.2741 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(246, 200, 255) }
```

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

```
.border{ border-color:rgb(246, 200, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 200, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 200,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 68.1214, 0.3086, 0.2741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 200, 255) }
```

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

```
.background{ background-color: rgb(246,  
200, 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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