

Converting Colors

$Yxy(68.8803, 0.3116, 0.2746)$

Have a look what the booklet for
Yxy(68.8803, 0.3116, 0.2746)
contains.

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Color

Yxy(68.8525, 0.3116, 0.2746)

Conversions

Conversions Part 1

Format	Color
Hex	FAC8FF
RGB	250, 200, 255
RGB Percent	98%, 78%, 100%
CMY	0.0195, 0.2157, 0.0001
CMYK	0.02, 0.22, 0.00, 0.00
HSL	295°, 100%, 89%
HSV	295°, 22%, 100%
XYZ	78.1298, 68.8525, 103.7552
YIQ	221.2200, 12.1450, 27.7050

Conversions

Conversions Part 2

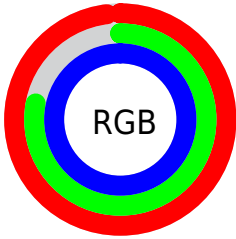
Format	Color
R _Y B	250, 200, 255
Decimal	16435455
CIE Lab	86.43, 26.86, -20.20
CIE LCh	86, 33.615, 323.054
Yxy	68.8525, 0.3116, 0.2746
Android (android.graphics.Color)	4294625535 (0xFFFA C8FF)
YUV	221.2200, 16.6535, 25.2401
Hunter-Lab	82.9774, 22.8614, -16.0522

Details

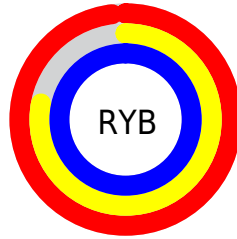
The Yxy color **68.8525, 0.3116, 0.2746** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.6450, 0.3129, 0.3888**, and the grayscale version is **72.3456, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.9724, 0.3109, 0.2634** is the 20% darker color. If you saturate the color by 10%, you get **57.5917, 0.3107, 0.2489**, and if you desaturate by 10%, it is **82.0937, 0.3122, 0.3003**.

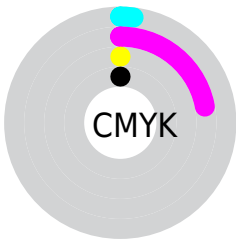
Distribution



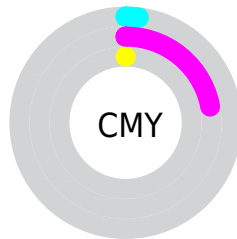
- Red (98%)
- Green (78%)
- Blue (100%)



- Red (98%)
- Yellow (78%)
- Blue (100%)



- Cyan (2%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.8525, 0.3116, 0.2746 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 68.8525, 0.3116, 0.2746 by changing the saturation by 10% instead.

 68.8525, 0.3116,
0.2746

 68.8525, 0.3116,
0.2746

456.5106, 0.3126,
0.2989

 50.5916, 0.3113,
0.2693


117.5709, 0.3120,
0.2828

 35.8837, 0.3108,
0.2628


148.7971, 0.3122,
0.2861

 24.3444, 0.3102,
0.2548


185.1140, 0.3123,
0.2889

 15.5893, 0.3093,
0.2446

226.9058, 0.3124,
0.2914

 9.2340, 0.3078,
0.2312

274.5569, 0.3124,
0.2936

 4.8941, 0.3053,
0.2129


328.4519, 0.3125,


 2.1853, 0.3006,


0.2955


0.1867


388.9750, 0.3125,
0.2973

 0.7119, 0.2912,
0.1446


 0.0000, 0.2220,
0.0000


 68.8525, 0.3116,
0.2746


 68.8525, 0.3116,
0.2746


 57.5917, 0.3107,
0.2489

 82.0937, 0.3122,
0.3003

 48.2048, 0.3095,
0.2240

 97.3973, 0.3127,
0.3252

 40.5889, 0.3080,
0.2010

 99.9982, 0.3127,
0.3290

 34.6275, 0.3063,
0.1809

■ 30.1900, 0.3043,
0.1645

■ 27.1266, 0.3021,
0.1525

■ 25.2566, 0.2999,
0.1450

■ 24.3747, 0.2979,
0.1415

Harmonies

Analogous

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



68.8525, 0.2728, 0.2628



68.8525, 0.3116, 0.2746



68.8525, 0.3532, 0.2986

Triad

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



68.8525, 0.3116, 0.2746



68.8525, 0.3819, 0.3909



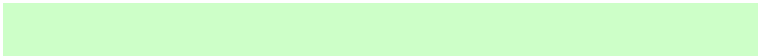
68.8525, 0.2454, 0.3210

Complementary

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



68.8525, 0.3116, 0.2746



88.6450, 0.3129, 0.3888

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.



68.8525, 0.2714, 0.3615



68.8525, 0.3116, 0.2746



68.8525, 0.3501, 0.4034

Square

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



68.8525, 0.3116, 0.2746



68.8525, 0.3952, 0.3635



68.8525, 0.3095, 0.3931



68.8525, 0.2366, 0.2865

Rectangle

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



68.8525, 0.3116, 0.2746



68.8525, 0.3761, 0.3192



68.8525, 0.3095, 0.3931



68.8525, 0.2523, 0.3345

Sweetspot

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



68.8555, 0.3116, 0.2746



90.3632, 0.3125, 0.3143



63.3997, 0.2767, 0.2748



19.1268, 0.3125, 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.



68.8555, 0.3116, 0.2746



63.6311, 0.3112, 0.2631



68.4465, 0.3311, 0.2959



18.2123, 0.3124, 0.3055



12.7738, 0.2983, 0.1417



1.2671, 0.3010, 0.1432

Inverse Universe

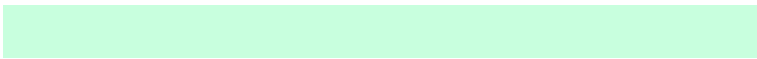
The Inverse Universe completely reimagines the original color for something new.



66.9698, 0.3527, 0.3240



61.4516, 0.3636, 0.3229



89.0552, 0.2979, 0.3646



18.0136, 0.3280, 0.3269



11.1500, 0.6303, 0.3246



1.0942, 0.6106, 0.3137

Previews

White Background



This preview shows how the Yxy color 68.8525, 0.3116, 0.2746 looks on a white background.

Color Contrast Check

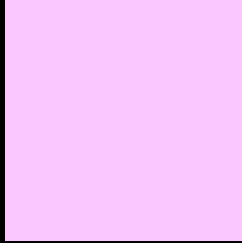
Large Text (above 18pt) WCAG AA × Fail

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 68.8525, 0.3116, 0.2746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

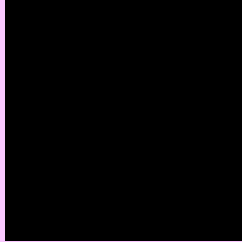
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.8525, 0.3116, 0.2746

Background



This preview shows how black text looks on a background with the Yxy color 68.8525, 0.3116, 0.2746.



This preview shows how white text looks on a background with the Yxy color 68.8525, 0.3116, 0.2746.

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

68.8525, 0.3116, 0.2746

Protanopia

69.2308, 0.2825, 0.2861

Deuteranopia

68.8960, 0.2916, 0.2848



Tritanopia

68.8290, 0.3310, 0.3124

Trichromacy



Original Color

68.8525, 0.3116, 0.2746



Protanomaly

69.0012, 0.2923, 0.2820



Deuteranomaly

68.7703, 0.2985, 0.2806



Tritanomaly

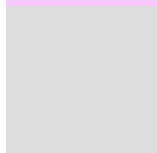
68.9004, 0.3240, 0.2984

Monochromacy



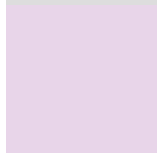
Original Color

68.8525, 0.3116, 0.2746



Achromatopsia

72.3055, 0.3127, 0.3290



Achromatomaly

70.6275, 0.3130, 0.3079

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8525, 0.3116, 0.2746 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(250, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 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(250, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 200, 255) }
```

Border

The CSS property to change the border of an element to Yxy 68.8525, 0.3116, 0.2746 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(250, 200, 255) }
```

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

```
.border{ border-color:rgb(250, 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(250, 200, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 200,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8525, 0.3116, 0.2746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 200, 255) }
```

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

```
.background{ background-color: rgb(250,  
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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