

Converting Colors

$Yxy(80.7931, 0.3809, 0.3033)$

Have a look what the booklet for
Yxy(80.7931, 0.3809, 0.3033)
contains.

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Color

Yxy(67.3053, 0.3344, 0.2978)

Conversions

Conversions Part 1

Format	Color
Hex	FFC6E5
RGB	255, 198, 229
RGB Percent	100%, 78%, 90%
CMY	0.0000, 0.2235, 0.1020
CMYK	0.00, 0.22, 0.10, 0.00
HSL	327°, 100%, 89%
HSV	327°, 22%, 100%
XYZ	75.5772, 67.3053, 83.1259
YIQ	218.5770, 24.0210, 21.7250

Conversions

Conversions Part 2

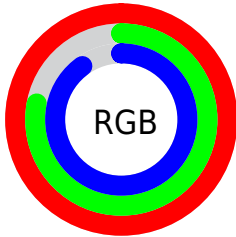
Format	Color
R _Y B	255, 198, 229
Decimal	16762597
CIE Lab	85.66, 25.04, -7.52
CIE LCh	86, 26.144, 343.286
Yxy	67.3053, 0.3344, 0.2978
Android (android.graphics.Color)	4294952677 (0xFFFFC6E5)
YUV	218.5770, 5.1385, 31.9430
Hunter-Lab	82.0398, 20.8692, -2.6470

Details

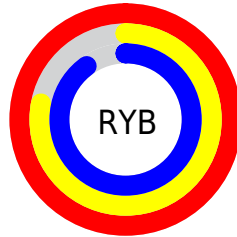
The Yxy color **67.3053, 0.3344, 0.2978** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.9092, 0.2956, 0.3625**, and the grayscale version is **70.4816, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.0083, 0.3393, 0.2904** is the 20% darker color. If you saturate the color by 10%, you get **55.9855, 0.3473, 0.2832**, and if you desaturate by 10%, it is **80.6340, 0.3236, 0.3122**.

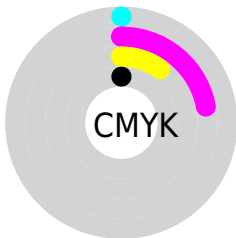
Distribution



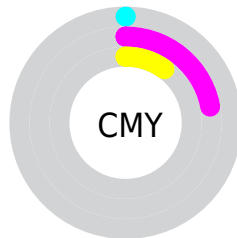
- Red (100%)
- Green (78%)
- Blue (90%)



- Red (100%)
- Yellow (78%)
- Blue (90%)



- Cyan (0%)
- Magenta (22%)
- Yellow (10%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.3053, 0.3344, 0.2978 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 67.3053, 0.3344, 0.2978 by changing the saturation by 10% instead.


 67.3053, 0.3344,
0.2978

 67.3053, 0.3344,
0.2978


451.0307, 0.3244,
0.3121

 49.3328, 0.3367,
0.2946


115.3578, 0.3309,
0.3027

 34.8835, 0.3395,
0.2906


146.2065, 0.3296,
0.3046

 23.5732, 0.3430,
0.2856


182.1161, 0.3284,
0.3063

 15.0173, 0.3477,
0.2792

223.4709, 0.3274,
0.3077

 8.8315, 0.3539,
0.2705

270.6554, 0.3265,
0.3090

 4.6315, 0.3630,
0.2581

324.0539, 0.3257,

 2.0327, 0.3770,

0.3102

0.2393

384.0509, 0.3250,
0.3112

0.6264, 0.4048,
0.2010

0.0000, 0.9854,
0.0000

67.3053, 0.3344,
0.2978

67.3053, 0.3344,
0.2978

55.9855, 0.3473,
0.2832

80.6340, 0.3236,
0.3122

46.5711, 0.3624,
0.2688

96.0594, 0.3146,
0.3259

38.9560, 0.3798,
0.2556

100.0000, 0.3127,
0.3290

33.0219, 0.3995,
0.2447

■ 28.6362, 0.4208,
0.2372

■ 25.6457, 0.4430,
0.2345

■ 23.8659, 0.4650,
0.2372

■ 23.1128, 0.4813,
0.2425

Harmonies

Analogous

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



67.3053, 0.3015, 0.2813



67.3053, 0.3344, 0.2978



67.3053, 0.3624, 0.3219

Triad

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



67.3053, 0.3344, 0.2978



67.3053, 0.3518, 0.3858



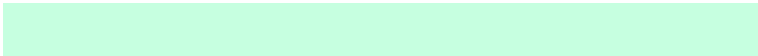
67.3053, 0.2529, 0.3039

Complementary

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



67.3053, 0.3344, 0.2978



88.9092, 0.2956, 0.3625

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.



67.3053, 0.2649, 0.3334



67.3053, 0.3344, 0.2978



67.3053, 0.3213, 0.3832

Square

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



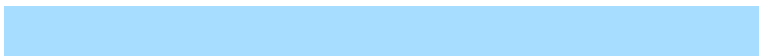
67.3053, 0.3344, 0.2978



67.3053, 0.3724, 0.3723



67.3053, 0.2896, 0.3635



67.3053, 0.2558, 0.2835

Rectangle

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



67.3053, 0.3344, 0.2978



67.3053, 0.3738, 0.3398



67.3053, 0.2896, 0.3635



67.3053, 0.2552, 0.3131

Sweetspot

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



67.3068, 0.3344, 0.2978



88.6216, 0.3186, 0.3196



63.4022, 0.2925, 0.2692



18.7693, 0.3191, 0.3188



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.



67.3068, 0.3344, 0.2978



61.7999, 0.3401, 0.2910



65.8606, 0.3564, 0.3262



18.1523, 0.3209, 0.3162



12.1075, 0.4780, 0.2407



1.2009, 0.4551, 0.2280

Inverse Universe

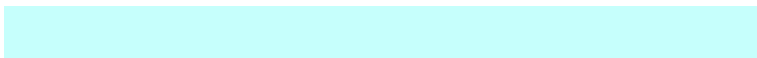
The Inverse Universe completely reimagines the original color for something new.



67.3068, 0.3344, 0.2978



61.7999, 0.3401, 0.2910



90.5642, 0.2809, 0.3319



18.1523, 0.3209, 0.3162



12.1075, 0.4780, 0.2407



1.2009, 0.4551, 0.2280

Previews

White Background



This preview shows how the Yxy color 67.3053, 0.3344, 0.2978 looks on a white background.

Color Contrast Check

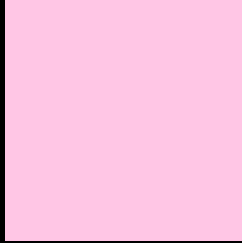
Large Text (above 18pt) WCAG AA × Fail

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 67.3053, 0.3344, 0.2978 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 67.3053, 0.3344, 0.2978

Background



This preview shows how black text looks on a background with the Yxy color 67.3053, 0.3344, 0.2978.



This preview shows how white text looks on a background with the Yxy color 67.3053, 0.3344, 0.2978.

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

67.3053, 0.3344, 0.2978

Protanopia

67.6104, 0.2948, 0.3016

Deuteranopia

67.3158, 0.3152, 0.3087



Tritanopia

67.1491, 0.3425, 0.3127

Trichromacy



Original Color

67.3053, 0.3344, 0.2978

Protanomaly

67.4408, 0.3082, 0.3002

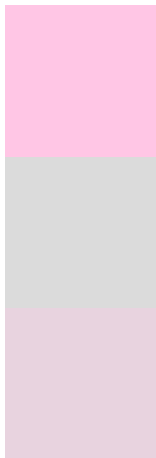
Deuteranomaly

66.9643, 0.3215, 0.3038

Tritanomaly

67.1381, 0.3396, 0.3067

Monochromacy



Original Color

67.3053, 0.3344, 0.2978

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

69.0720, 0.3200, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3053, 0.3344, 0.2978 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, 198, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 198, 229)  
}
```

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, 198, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 198, 229) }
```

Border

The CSS property to change the border of an element to Yxy 67.3053, 0.3344, 0.2978 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, 198, 229) }
```

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

```
.border{ border-color:rgb(255, 198, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 198, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 198, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 198, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 198,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3053, 0.3344, 0.2978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 198, 229) }
```

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

```
.background{ background-color: rgb(255,  
198, 229) }
```

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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