

Converting Colors

$Yxy(66.6939, 0.3288, 0.2981)$

Have a look what the booklet for
Yxy(66.6939, 0.3288, 0.2981)
contains.

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Color

Yxy(66.4604, 0.3288, 0.2983)

Conversions

Conversions Part 1

Format	Color
Hex	F8C7E5
RGB	248, 199, 229
RGB Percent	97%, 78%, 90%
CMY	0.0277, 0.2195, 0.1020
CMYK	0.00, 0.20, 0.08, 0.03
HSL	323°, 78%, 88%
HSV	323°, 20%, 97%
XYZ	73.2557, 66.4604, 83.0811
YIQ	217.0710, 19.5740, 19.7180

Conversions

Conversions Part 2

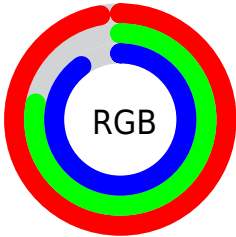
Format	Color
R_{YB}	248, 199, 229
Decimal	16304101
CIE Lab	85.23, 22.09, -8.22
CIE LCh	85, 23.569, 339.582
Yxy	66.4604, 0.3288, 0.2983
Android (android.graphics.Color)	4294494181 (0xFFFF8C7E5)
YUV	217.0710, 5.8810, 27.1247
Hunter-Lab	81.5232, 17.7321, -3.3567

Details

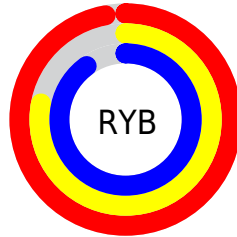
The Yxy color $66.4604, 0.3288, 0.2983$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $84.2979, 0.2994, 0.3618$, and the grayscale version is $69.3858, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $34.3832, 0.3319, 0.2908$ is the 20% darker color. If you saturate the color by 10%, you get $55.4441, 0.3393, 0.2820$, and if you desaturate by 10%, it is $79.3709, 0.3199, 0.3142$.

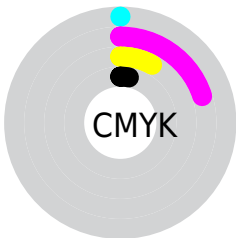
Distribution



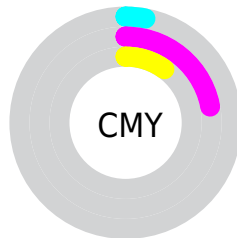
- Red (97%)
- Green (78%)
- Blue (90%)



- Red (97%)
- Yellow (78%)
- Blue (90%)



- Cyan (0%)
- Magenta (20%)
- Yellow (8%)
- Black (3%)





- Cyan (3%)
- Magenta (22%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.4604, 0.3288, 0.2983 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 66.4604, 0.3288, 0.2983 by changing the saturation by 10% instead.


 66.4604, 0.3288,
0.2983

 66.4604, 0.3288,
0.2983


448.0216, 0.3214,
0.3124

 48.6462, 0.3305,
0.2951

114.1469, 0.3262,
0.3032

 34.3389, 0.3325,
0.2912


144.7880, 0.3253,
0.3051

 23.1541, 0.3351,
0.2863


180.4735, 0.3244,
0.3067

 14.7073, 0.3385,
0.2799


221.5879, 0.3236,
0.3081

 8.6142, 0.3431,
0.2712

268.5155, 0.3230,
0.3094

 4.4904, 0.3497,
0.2589


321.6407, 0.3224,


 1.9515, 0.3598,

0.3105


0.2400


381.3480, 0.3219,
0.3115


 0.5791, 0.3818,
0.1983


 0.0000, 1.0000,
0.0000


 66.4604, 0.3288,
0.2983


 66.4604, 0.3288,
0.2983


 55.4441, 0.3393,
0.2820

 79.3709, 0.3199,
0.3142

 46.2229, 0.3515,
0.2659

 94.2511, 0.3125,
0.3294

 38.7018, 0.3655,
0.2507

 98.6830, 0.3084,
0.3290

 32.7737, 0.3812,
0.2376

■ 28.3191, 0.3982,
0.2276

■ 25.2015, 0.4161,
0.2221

■ 23.2583, 0.4340,
0.2216

■ 22.2291, 0.4513,
0.2261

■ 22.2051, 0.4518,
0.2263

Harmonies

Analogous

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



66.4604, 0.2991, 0.2843



66.4604, 0.3288, 0.2983



66.4604, 0.3551, 0.3197

Triad

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



66.4604, 0.3288, 0.2983



66.4604, 0.3512, 0.3796



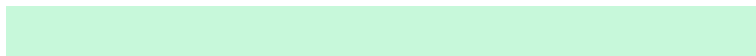
66.4604, 0.2589, 0.3095

Complementary

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



66.4604, 0.3288, 0.2983



84.2979, 0.2994, 0.3618

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.



66.4604, 0.2715, 0.3366



66.4604, 0.3288, 0.2983



66.4604, 0.3243, 0.3790

Square

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



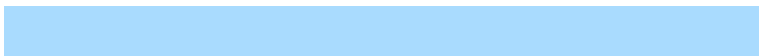
66.4604, 0.3288, 0.2983



66.4604, 0.3681, 0.3662



66.4604, 0.2952, 0.3629



66.4604, 0.2599, 0.2895

Rectangle

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



66.4604, 0.3288, 0.2983



66.4604, 0.3665, 0.3360



66.4604, 0.2952, 0.3629



66.4604, 0.2617, 0.3181

Sweetspot

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



66.4633, 0.3288, 0.2983



90.2477, 0.3170, 0.3200



62.5083, 0.2929, 0.2765



19.0995, 0.3175, 0.3190



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.



66.4633, 0.3288, 0.2983



65.5402, 0.3331, 0.2913



65.2026, 0.3474, 0.3231



17.4039, 0.3198, 0.3146



12.0316, 0.4492, 0.2248



1.1351, 0.4297, 0.2141

Inverse Universe

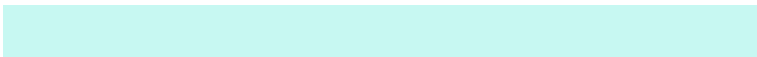
The Inverse Universe completely reimagines the original color for something new.



66.4633, 0.3288, 0.2983



65.5402, 0.3331, 0.2913



85.6611, 0.2862, 0.3350



17.4039, 0.3198, 0.3146



12.0316, 0.4492, 0.2248



1.1351, 0.4297, 0.2141

Previews

White Background



This preview shows how the Yxy color 66.4604, 0.3288, 0.2983 looks on a white background.

Color Contrast Check

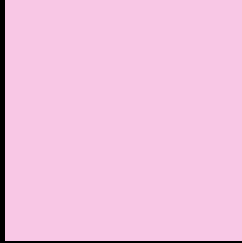
Large Text (above 18pt) WCAG AA × Fail

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 66.4604, 0.3288, 0.2983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

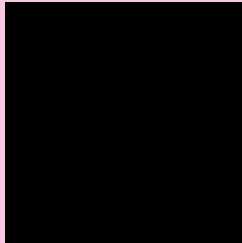
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.4604, 0.3288, 0.2983

Background



This preview shows how black text looks on a background with the Yxy color 66.4604, 0.3288, 0.2983.



This preview shows how white text looks on a background with the Yxy color 66.4604, 0.3288, 0.2983.

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

66.4604, 0.3288, 0.2983

Protanopia

66.9030, 0.2948, 0.3015

Deuteranopia

66.5026, 0.3137, 0.3075



Tritanopia

66.3759, 0.3361, 0.3124

Trichromacy



Original Color

66.4604, 0.3288, 0.2983

Protanomaly

66.4135, 0.3067, 0.3000

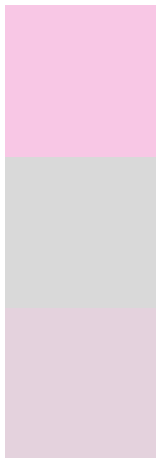
Deuteranomaly

66.4493, 0.3192, 0.3036

Tritanomaly

66.3032, 0.3340, 0.3073

Monochromacy



Original Color

66.4604, 0.3288, 0.2983

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

67.8076, 0.3185, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4604, 0.3288, 0.2983 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(248, 199, 229)` looks like.

```
.text, #text, p{  
    color:rgb(248, 199, 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(248, 199, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 199, 229) }
```

Border

The CSS property to change the border of an element to Yxy 66.4604, 0.3288, 0.2983 is called "border". The border property can be set on classes, ids or directly on the HTML element.

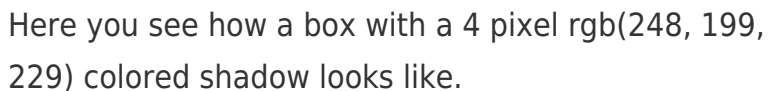
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(248, 199, 229) }
```

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

```
.border{ border-color:rgb(248, 199, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(248, 199, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 199, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 199, 229); box-shadow:4px 4px 4px 4px rgb(248, 199, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4604, 0.3288, 0.2983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 199, 229) }
```

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

```
.background{ background-color: rgb(248,  
199, 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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