

Converting Colors

$Y_{xy}(67.4955, 0.3279, 0.2990)$

Have a look what the booklet for
Yxy(67.4955, 0.3279, 0.2990)
contains.

Yxy(67.4429, 0.3279, 0.2993)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.4429, 0.3279, 0.2993)

Conversions

Conversions Part 1

Format	Color
Hex	F8C9E6
RGB	248, 201, 230
RGB Percent	97%, 79%, 90%
CMY	0.0274, 0.2118, 0.0979
CMYK	0.00, 0.19, 0.07, 0.03
HSL	323°, 77%, 88%
HSV	323°, 19%, 97%
XYZ	73.8875, 67.4429, 84.0051
YIQ	218.3590, 18.7030, 18.9830

Conversions

Conversions Part 2

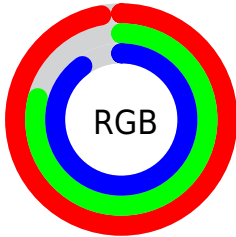
Format	Color
R_{YB}	248, 201, 230
Decimal	16304614
CIE _{Lab}	85.73, 21.26, -8.04
CIE _{LCh}	86, 22.733, 339.283
Yxy	67.4429, 0.3279, 0.2993
Android (android.graphics.Color)	4294494694 (0xFFFF8C9E6)
YUV	218.3590, 5.7390, 25.9952
Hunter-Lab	82.1236, 16.8820, -3.1618

Details

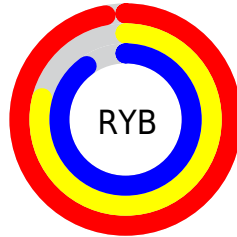
The Yxy color $67.4429, 0.3279, 0.2993$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $84.6750, 0.3001, 0.3607$, and the grayscale version is $70.3249, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.0389, 0.3307, 0.2922$ is the 20% darker color. If you saturate the color by 10%, you get $56.2826, 0.3381, 0.2829$, and if you desaturate by 10%, it is $80.5051, 0.3193, 0.3153$.

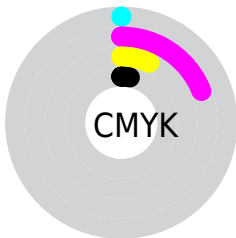
Distribution



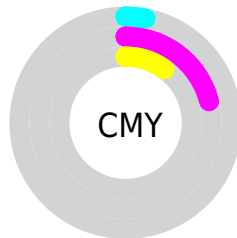
- Red (97%)
- Green (79%)
- Blue (90%)



- Red (97%)
- Yellow (79%)
- Blue (90%)



- Cyan (0%)
- Magenta (19%)
- Yellow (7%)
- Black (3%)





- Cyan (3%)
- Magenta (21%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.4429, 0.3279, 0.2993 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 67.4429, 0.3279, 0.2993 by changing the saturation by 10% instead.

 67.4429, 0.3279,
0.2993

 67.4429, 0.3279,
0.2993


451.5196, 0.3209,
0.3129

 49.4446, 0.3295,
0.2962

115.5548, 0.3255,
0.3040

 34.9723, 0.3314,
0.2925


146.4373, 0.3246,
0.3058

 23.6416, 0.3339,
0.2877


182.3832, 0.3238,
0.3074

 15.0679, 0.3370,
0.2815

223.7771, 0.3230,
0.3088

 8.8671, 0.3413,
0.2732

271.0033, 0.3224,
0.3100

 4.6546, 0.3474,
0.2614


324.4462, 0.3219,


 2.0461, 0.3568,


0.3111


0.2433


384.4902, 0.3214,
0.3120


 0.6340, 0.3758,
0.2065


 0.0000, 0.5955,
0.0000

 67.4429, 0.3279,
0.2993


 67.4429, 0.3279,
0.2993


 56.2826, 0.3381,
0.2829


 80.5051, 0.3193,
0.3153

 46.9252, 0.3500,
0.2666

 95.5439, 0.3120,
0.3305

 39.2764, 0.3637,
0.2512

 98.6992, 0.3084,
0.3290

 33.2299, 0.3791,
0.2378

■ 28.6671, 0.3958,
0.2275

■ 25.4528, 0.4133,
0.2214

■ 23.4270, 0.4309,
0.2205

■ 22.3523, 0.4480,
0.2246

■ 22.2634, 0.4498,
0.2251

Harmonies

Analogous

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



67.4429, 0.2994, 0.2859



67.4429, 0.3279, 0.2993



67.4429, 0.3532, 0.3199

Triad

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



67.4429, 0.3279, 0.2993



67.4429, 0.3499, 0.3775



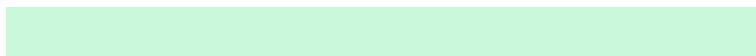
67.4429, 0.2610, 0.3106

Complementary

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



67.4429, 0.3279, 0.2993



84.6750, 0.3001, 0.3607

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.



67.4429, 0.2733, 0.3366



67.4429, 0.3279, 0.2993



67.4429, 0.3242, 0.3770

Square

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



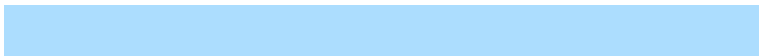
67.4429, 0.3279, 0.2993



67.4429, 0.3660, 0.3646



67.4429, 0.2962, 0.3617



67.4429, 0.2618, 0.2912

Rectangle

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



67.4429, 0.3279, 0.2993



67.4429, 0.3642, 0.3356



67.4429, 0.2962, 0.3617



67.4429, 0.2637, 0.3188

Sweetspot

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



67.4459, 0.3279, 0.2993



90.2524, 0.3170, 0.3199



63.4922, 0.2932, 0.2786



19.1006, 0.3175, 0.3189



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.



67.4459, 0.3279, 0.2993



66.7561, 0.3319, 0.2926



66.2492, 0.3452, 0.3225



17.4054, 0.3197, 0.3145



12.0532, 0.4472, 0.2237



1.1370, 0.4280, 0.2131

Inverse Universe

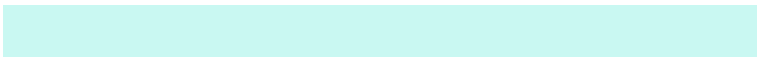
The Inverse Universe completely reimagines the original color for something new.



67.4459, 0.3279, 0.2993



66.7561, 0.3319, 0.2926



85.9568, 0.2876, 0.3356



17.4054, 0.3197, 0.3145



12.0532, 0.4472, 0.2237



1.1370, 0.4280, 0.2131

Previews

White Background



This preview shows how the Yxy color 67.4429, 0.3279, 0.2993 looks on a white background.

Color Contrast Check

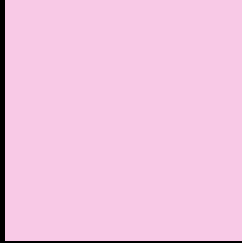
Large Text (above 18pt) WCAG AA × Fail

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 67.4429, 0.3279, 0.2993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

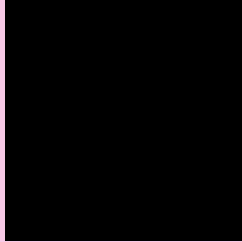
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.4429, 0.3279, 0.2993

Background



This preview shows how black text looks on a background with the Yxy color 67.4429, 0.3279, 0.2993.



This preview shows how white text looks on a background with the Yxy color 67.4429, 0.3279, 0.2993.

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

67.4429, 0.3279, 0.2993

Protanopia

67.7586, 0.2955, 0.3017

Deuteranopia

67.4269, 0.3138, 0.3066



Tritanopia

67.4192, 0.3343, 0.3124

Trichromacy



Original Color

67.4429, 0.3279, 0.2993

Protanomaly

67.6066, 0.3067, 0.3012

Deuteranomaly

67.1527, 0.3192, 0.3037

Tritanomaly

67.3429, 0.3322, 0.3073

Monochromacy



Original Color

67.4429, 0.3279, 0.2993

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.0189, 0.3184, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4429, 0.3279, 0.2993 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, 201, 230)` looks like.

```
.text, #text, p{  
    color:rgb(248, 201, 230)  
}
```

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, 201, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 201, 230) }
```

Border

The CSS property to change the border of an element to Yxy 67.4429, 0.3279, 0.2993 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, 201, 230) }
```

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

```
.border{ border-color:rgb(248, 201, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 201, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 201, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 201, 230);  
box-shadow:4px 4px 4px 4px rgb(248, 201,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4429, 0.3279, 0.2993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 201, 230) }
```

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

```
.background{ background-color: rgb(248,  
201, 230) }
```

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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