

Converting Colors

$Y_{xy}(67.5570, 0.3333, 0.2985)$

Have a look what the booklet for
Yxy(67.5570, 0.3333, 0.2985)
contains.

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Color

Yxy(67.5748, 0.3335, 0.2987)

Conversions

Conversions Part 1

Format	Color
Hex	FEC7E5
RGB	254, 199, 229
RGB Percent	100%, 78%, 90%
CMY	0.0038, 0.2196, 0.1019
CMYK	0.00, 0.22, 0.10, 0.00
HSL	327°, 97%, 89%
HSV	327°, 22%, 100%
XYZ	75.4476, 67.5748, 83.2073
YIQ	218.8650, 23.1500, 20.9900

Conversions

Conversions Part 2

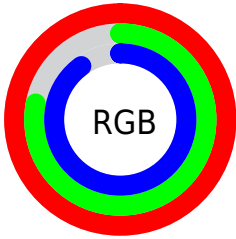
Format	Color
R_{YB}	254, 199, 229
Decimal	16697317
CIE _{Lab}	85.79, 24.19, -7.35
CIE _{LCh}	86, 25.281, 343.110
Yxy	67.5748, 0.3335, 0.2987
Android (android.graphics.Color)	4294887397 (0xFFFE _{C7E5})
YUV	218.8650, 4.9966, 30.8134
Hunter-Lab	82.2039, 19.9724, -2.4710

Details

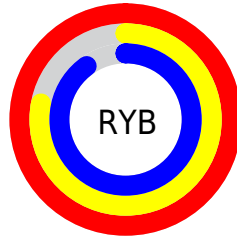
The Yxy color $67.5748, 0.3335, 0.2987$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $88.4227, 0.2962, 0.3614$, and the grayscale version is $70.6961, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.1771, 0.3381, 0.2916$ is the 20% darker color. If you saturate the color by 10%, you get $56.2246, 0.3462, 0.2840$, and if you desaturate by 10%, it is $80.9250, 0.3229, 0.3131$.

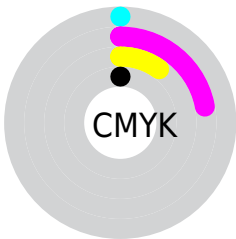
Distribution



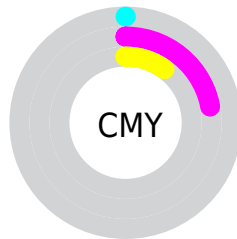
- Red (100%)
- Green (78%)
- Blue (90%)



- 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 67.5748, 0.3335, 0.2987 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 67.5748, 0.3335, 0.2987 by changing the saturation by 10% instead.


 67.5748, 0.3335,
0.2987

 67.5748, 0.3335,
0.2987


451.9880, 0.3239,
0.3126

 49.5519, 0.3357,
0.2956


115.7437, 0.3302,
0.3035

 35.0575, 0.3384,
0.2917


146.6584, 0.3289,
0.3053

 23.7072, 0.3418,
0.2869

182.6392, 0.3278,
0.3070

 15.1165, 0.3462,
0.2806

224.0705, 0.3268,
0.3084

 8.9012, 0.3522,
0.2722

271.3366, 0.3260,
0.3096

 4.6768, 0.3608,
0.2601

324.8220, 0.3252,

 2.0589, 0.3743,

0.3107

0.2418

384.9110, 0.3245,
0.3117

0.6414, 0.4006,
0.2050

0.0000, 0.9582,
0.0000

67.5748, 0.3335,
0.2987

67.5748, 0.3335,
0.2987

56.2246, 0.3462,
0.2840

80.9250, 0.3229,
0.3131

46.7676, 0.3611,
0.2696

96.3569, 0.3140,
0.3268

39.1010, 0.3783,
0.2562

99.8155, 0.3121,
0.3290

33.1085, 0.3976,
0.2451

■ 28.6596, 0.4188,
0.2373

■ 25.6046, 0.4408,
0.2341

■ 23.7632, 0.4628,
0.2364

■ 22.9276, 0.4804,
0.2420

Harmonies

Analogous

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



67.5748, 0.3017, 0.2827



67.5748, 0.3335, 0.2987



67.5748, 0.3606, 0.3220

Triad

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



67.5748, 0.3335, 0.2987



67.5748, 0.3507, 0.3838



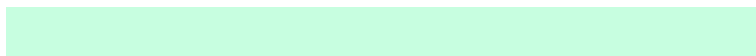
67.5748, 0.2548, 0.3050

Complementary

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



67.5748, 0.3335, 0.2987



88.4227, 0.2962, 0.3614

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.



67.5748, 0.2666, 0.3335



67.5748, 0.3335, 0.2987



67.5748, 0.3213, 0.3813

Square

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



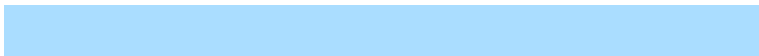
67.5748, 0.3335, 0.2987



67.5748, 0.3704, 0.3708



67.5748, 0.2905, 0.3624



67.5748, 0.2576, 0.2851

Rectangle

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



67.5748, 0.3335, 0.2987



67.5748, 0.3716, 0.3394



67.5748, 0.2905, 0.3624



67.5748, 0.2572, 0.3139

Sweetspot

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



67.5778, 0.3335, 0.2987



90.1839, 0.3177, 0.3209



63.8102, 0.2932, 0.2712



19.0844, 0.3182, 0.3201



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.



67.5778, 0.3335, 0.2987



62.9555, 0.3387, 0.2923



66.1719, 0.3547, 0.3263



18.1529, 0.3208, 0.3161



12.1152, 0.4771, 0.2402



1.2017, 0.4543, 0.2277

Inverse Universe

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



67.5778, 0.3335, 0.2987



62.9555, 0.3387, 0.2923



90.0231, 0.2818, 0.3318



18.1529, 0.3208, 0.3161



12.1152, 0.4771, 0.2402



1.2017, 0.4543, 0.2277

Previews

White Background



This preview shows how the Yxy color 67.5748, 0.3335, 0.2987 looks on a white background.

Color Contrast Check

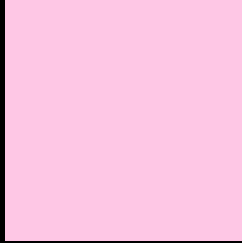
Large Text (above 18pt) WCAG AA × Fail

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 67.5748, 0.3335, 0.2987 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 67.5748, 0.3335, 0.2987

Background



This preview shows how black text looks on a background with the Yxy color 67.5748, 0.3335, 0.2987.



This preview shows how white text looks on a background with the Yxy color 67.5748, 0.3335, 0.2987.

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

67.5748, 0.3335, 0.2987

Protanopia

67.7586, 0.2955, 0.3017

Deuteranopia

67.4808, 0.3159, 0.3087



Tritanopia

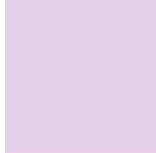
67.4785, 0.3408, 0.3126

Trichromacy



Original Color

67.5748, 0.3335, 0.2987



Protanomaly

67.4408, 0.3082, 0.3002



Deuteranomaly

67.6148, 0.3222, 0.3049



Tritanomaly

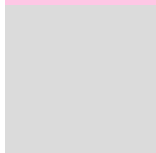
67.4117, 0.3387, 0.3076

Monochromacy



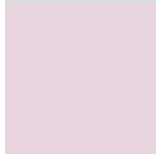
Original Color

67.5748, 0.3335, 0.2987



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

69.5705, 0.3199, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.5748, 0.3335, 0.2987 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(254, 199, 229)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 199, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 199, 229) }
```

Border

The CSS property to change the border of an element to Yxy 67.5748, 0.3335, 0.2987 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(254, 199, 229) }
```

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

```
.border{ border-color:rgb(254, 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(254, 199, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 199, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 199, 229);  
box-shadow:4px 4px 4px 4px rgb(254, 199,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 67.5748, 0.3335, 0.2987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 199, 229) }
```

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

```
.background{ background-color: rgb(254,  
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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