

Converting Colors

$Y_{xy}(65.7541, 0.3280, 0.2844)$

Have a look what the booklet for
Yxy(65.7541, 0.3280, 0.2844)
contains.

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Color

Yxy(65.5730, 0.3281, 0.2840)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFC1EE |
| RGB | 255, 193, 238 |
| RGB Percent | 100%, 76%, 93% |
| CMY | 0.0000, 0.2432, 0.0666 |
| CMYK | 0.00, 0.24, 0.07, 0.00 |
| HSL | 316°, 100%, 88% |
| HSV | 316°, 24%, 100% |
| XYZ | 75.7553, 65.5730, 89.5626 |
| YIQ | 216.6680, 22.5070, 27.1390 |

Conversions

Conversions Part 2

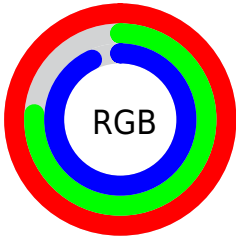
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 193, 238 |
| Decimal | 16761326 |
| CIE Lab | 84.78, 29.20, -13.64 |
| CIE LCh | 85, 32.223, 334.963 |
| Yxy | 65.5730, 0.3281, 0.2840 |
| Android (android.graphics.Color) | 4294951406 (0xFFFFC1EE) |
| YUV | 216.6680, 10.5167, 33.6172 |
| Hunter-Lab | 80.9772, 25.2793, -8.8921 |

Details

The Yxy color **65.5730, 0.3281, 0.2840** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **87.5075, 0.3002, 0.3787**, and the grayscale version is **69.0587, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **33.8484, 0.3319, 0.2742** is the 20% darker color. If you saturate the color by 10%, you get **54.8472, 0.3362, 0.2650**, and if you desaturate by 10%, it is **78.2481, 0.3210, 0.3030**.

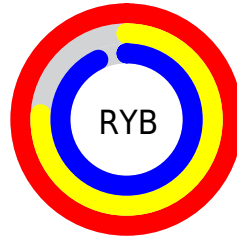
Distribution



Red (100%)

Green (76%)

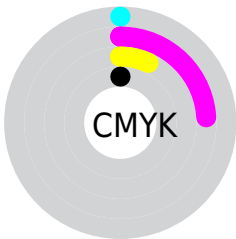
Blue (93%)



Red (100%)

Yellow (76%)

Blue (93%)

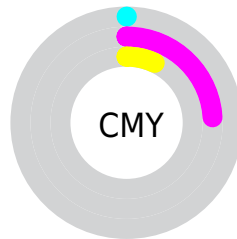


Cyan (0%)

Magenta (24%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (24%)

Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.5730, 0.3281, 0.2840 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 65.5730, 0.3281, 0.2840 by changing the saturation by 10% instead.


 65.5730, 0.3281,
0.2840

 65.5730, 0.3281,
0.2840


444.8482, 0.3212,
0.3044

 47.9259, 0.3296,
0.2795


 112.8733, 0.3258,
0.2910

 33.7682, 0.3314,
0.2739


143.2952, 0.3248,
0.2937

 22.7156, 0.3337,
0.2669


178.7441, 0.3240,
0.2961

 14.3836, 0.3366,
0.2580

219.6045, 0.3233,
0.2982

 8.3880, 0.3404,
0.2460

266.2607, 0.3227,
0.3000

 4.3442, 0.3456,
0.2293

319.0971, 0.3222,

 1.8679, 0.3531,

0.3016

0.2046

378.4982, 0.3217,
0.3031

0.5290, 0.3692,
0.1534

0.0000, 0.3351,
0.0000

65.5730, 0.3281,
0.2840

65.5730, 0.3281,
0.2840

54.8472, 0.3362,
0.2650

78.2481, 0.3210,
0.3030

45.9862, 0.3454,
0.2467

92.9805, 0.3150,
0.3213

38.8761, 0.3555,
0.2301

100.0000, 0.3127,
0.3290

33.3967, 0.3665,
0.2162

■ 29.4128, 0.3779,
0.2060

■ 26.7670, 0.3894,
0.2006

■ 25.2666, 0.4007,
0.2001

■ 24.7692, 0.4069,
0.2015

Harmonies

Analogous

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



65.5730, 0.2878, 0.2673



65.5730, 0.3281, 0.2840



65.5730, 0.3662, 0.3111

Triad

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



65.5730, 0.3281, 0.2840



65.5730, 0.3696, 0.3965



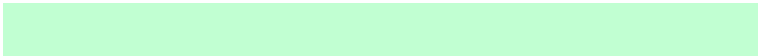
65.5730, 0.2414, 0.3066

Complementary

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



65.5730, 0.3281, 0.2840



87.5075, 0.3002, 0.3787

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.



65.5730, 0.2606, 0.3452



65.5730, 0.3281, 0.2840



65.5730, 0.3340, 0.4003

Square

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



65.5730, 0.3281, 0.2840



65.5730, 0.3906, 0.3746



65.5730, 0.2940, 0.3812



65.5730, 0.2400, 0.2779

Rectangle

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



65.5730, 0.3281, 0.2840



65.5730, 0.3841, 0.3324



65.5730, 0.2940, 0.3812



65.5730, 0.2459, 0.3188

Sweetspot

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



65.5679, 0.3281, 0.2840



88.8243, 0.3165, 0.3165



58.9858, 0.2823, 0.2619



18.8163, 0.3169, 0.3154



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.



65.5679, 0.3281, 0.2840



60.3115, 0.3317, 0.2751



63.9214, 0.3521, 0.3142



18.2105, 0.3180, 0.3119



12.9689, 0.4052, 0.2006



1.2812, 0.3933, 0.1940

Inverse Universe

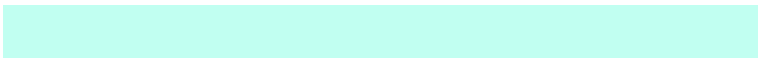
The Inverse Universe completely reimagines the original color for something new.



65.5679, 0.3281, 0.2840



60.3115, 0.3317, 0.2751



89.1785, 0.2841, 0.3444



18.2105, 0.3180, 0.3119



12.9689, 0.4052, 0.2006



1.2812, 0.3933, 0.1940

Previews

White Background



This preview shows how the Yxy color 65.5730, 0.3281, 0.2840 looks on a white background.

Color Contrast Check

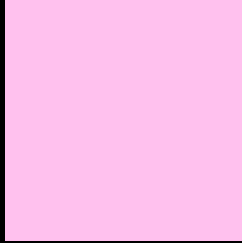
Large Text (above 18pt) WCAG AA × Fail

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 65.5730, 0.3281, 0.2840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

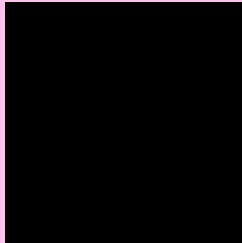
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.5730, 0.3281, 0.2840

Background



This preview shows how black text looks on a background with the Yxy color 65.5730, 0.3281, 0.2840.



This preview shows how white text looks on a background with the Yxy color 65.5730, 0.3281, 0.2840.

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

65.5730, 0.3281, 0.2840

Protanopia

65.7701, 0.2832, 0.2863

Deuteranopia

65.7283, 0.3039, 0.2967



Tritanopia

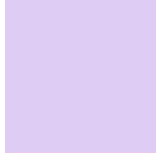
65.4320, 0.3445, 0.3126

Trichromacy



Original Color

65.5730, 0.3281, 0.2840



Protanomaly

65.4663, 0.2987, 0.2854



Deuteranomaly

65.3801, 0.3122, 0.2912



Tritanomaly

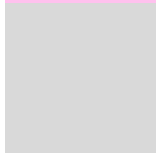
65.6364, 0.3384, 0.3025

Monochromacy



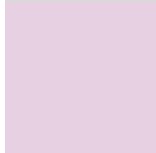
Original Color

65.5730, 0.3281, 0.2840



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

67.5369, 0.3180, 0.3108

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5730, 0.3281, 0.2840 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, 193, 238)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 238)  
}
```

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, 193, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 238) }
```

Border

The CSS property to change the border of an element to Yxy 65.5730, 0.3281, 0.2840 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, 193, 238) }
```

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

```
.border{ border-color:rgb(255, 193, 238) }
```

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

Here you see how a box with a 4 pixel rgb(255, 193, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 238);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5730, 0.3281, 0.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 238) }
```

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

```
.background{ background-color: rgb(255,  
193, 238) }
```

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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