

Converting Colors

$Y_{xy}(65.5198, 0.3334, 0.2916)$

Have a look what the booklet for
Yxy(65.5198, 0.3334, 0.2916)
contains.

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Color

Yxy(65.6131, 0.3333, 0.2918)

Conversions

Conversions Part 1

Format	Color
Hex	FFC2E7
RGB	255, 194, 231
RGB Percent	100%, 76%, 91%
CMY	0.0001, 0.2391, 0.0942
CMYK	0.00, 0.24, 0.09, 0.00
HSL	324°, 100%, 88%
HSV	324°, 24%, 100%
XYZ	74.9446, 65.6131, 84.2987
YIQ	216.4570, 24.4790, 24.4390

Conversions

Conversions Part 2

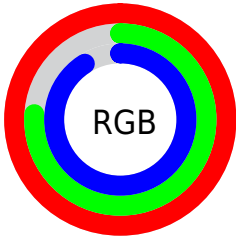
Format	Color
R_{YB}	255, 194, 231
Decimal	16761575
CIE Lab	84.80, 27.45, -9.86
CIE LCh	85, 29.163, 340.247
Yxy	65.6131, 0.3333, 0.2918
Android (android.graphics.Color)	4294951655 (0xFFFFC2E7)
YUV	216.4570, 7.1697, 33.8022
Hunter-Lab	81.0019, 23.3985, -5.0017

Details

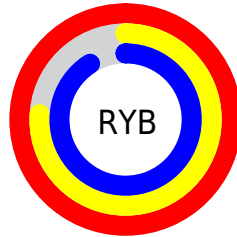
The Yxy color **65.6131, 0.3333, 0.2918** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.0362, 0.2965, 0.3694**, and the grayscale version is **68.9351, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4744, 0.3129, 0.3252**, and **33.8571, 0.3389, 0.2840** is the 20% darker color. If you saturate the color by 10%, you get **54.6712, 0.3447, 0.2756**, and if you desaturate by 10%, it is **78.5405, 0.3236, 0.3078**.

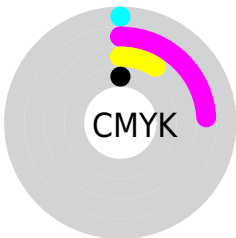
Distribution



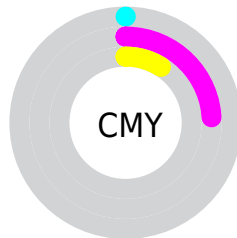
- Red (100%)
- Green (76%)
- Blue (91%)



- Red (100%)
- Yellow (76%)
- Blue (91%)



- Cyan (0%)
- Magenta (24%)
- Yellow (9%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.6131, 0.3333, 0.2918 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 65.6131, 0.3333, 0.2918 by changing the saturation by 10% instead.


 65.6131, 0.3333,
0.2918

 65.6131, 0.3333,
0.2918


444.9919, 0.3239,
0.3088

 47.9584, 0.3354,
0.2880

 112.9308, 0.3300,
0.2976

 33.7939, 0.3381,
0.2833


143.3627, 0.3288,
0.2999

 22.7353, 0.3414,
0.2774


178.8223, 0.3277,
0.3019

 14.3982, 0.3457,
0.2697


219.6942, 0.3267,
0.3036

 8.3981, 0.3515,
0.2595

266.3627, 0.3259,
0.3052

 4.3508, 0.3598,
0.2450

319.2123, 0.3251,

 1.8716, 0.3724,

0.3065

0.2230

378.6272, 0.3245,
0.3077

0.5312, 0.4000,
0.1740

0.0000, 0.6640,
0.0000

65.6131, 0.3333,
0.2918

65.6131, 0.3333,
0.2918

54.6712, 0.3447,
0.2756

78.5405, 0.3236,
0.3078

45.6060, 0.3579,
0.2599

93.5373, 0.3155,
0.3232

38.3118, 0.3730,
0.2456

99.9944, 0.3127,
0.3290

32.6687, 0.3896,
0.2338

■ 28.5416, 0.4074,
0.2257

■ 25.7740, 0.4258,
0.2224

■ 24.1749, 0.4439,
0.2244

■ 23.6076, 0.4546,
0.2278

Harmonies

Analogous

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



65.6131, 0.2964, 0.2745



65.6131, 0.3333, 0.2918



65.6131, 0.3661, 0.3179

Triad

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



65.6131, 0.3333, 0.2918



65.6131, 0.3595, 0.3921



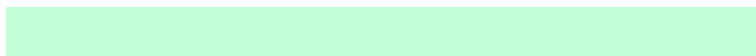
65.6131, 0.2464, 0.3035

Complementary

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



65.6131, 0.3333, 0.2918



88.0362, 0.2965, 0.3694

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.



65.6131, 0.2613, 0.3374



65.6131, 0.3333, 0.2918



65.6131, 0.3258, 0.3916

Square

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



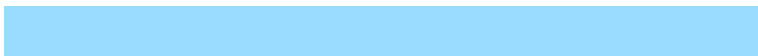
65.6131, 0.3333, 0.2918



65.6131, 0.3812, 0.3750



65.6131, 0.2899, 0.3710



65.6131, 0.2480, 0.2795

Rectangle

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



65.6131, 0.3333, 0.2918



65.6131, 0.3801, 0.3377



65.6131, 0.2899, 0.3710



65.6131, 0.2496, 0.3141

Sweetspot

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



65.6160, 0.3333, 0.2918



88.6909, 0.3179, 0.3185



60.6223, 0.2879, 0.2642



18.7854, 0.3183, 0.3176



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.



65.6160, 0.3333, 0.2918



59.8130, 0.3389, 0.2835



64.0711, 0.3570, 0.3218



18.1721, 0.3199, 0.3147



12.3689, 0.4518, 0.2263



1.2258, 0.4328, 0.2158

Inverse Universe

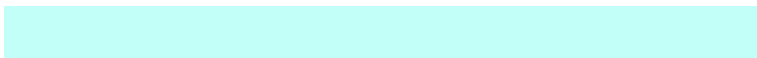
The Inverse Universe completely reimagines the original color for something new.



65.6160, 0.3333, 0.2918



59.8130, 0.3389, 0.2835



89.7421, 0.2809, 0.3364



18.1721, 0.3199, 0.3147



12.3689, 0.4518, 0.2263



1.2258, 0.4328, 0.2158

Previews

White Background



This preview shows how the Yxy color 65.6131, 0.3333, 0.2918 looks on a white background.

Color Contrast Check

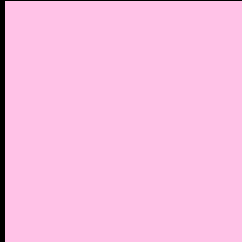
Large Text (above 18pt) WCAG AA × Fail

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 65.6131, 0.3333, 0.2918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

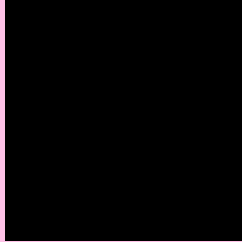
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.6131, 0.3333, 0.2918

Background



This preview shows how black text looks on a background with the Yxy color 65.6131, 0.3333, 0.2918.

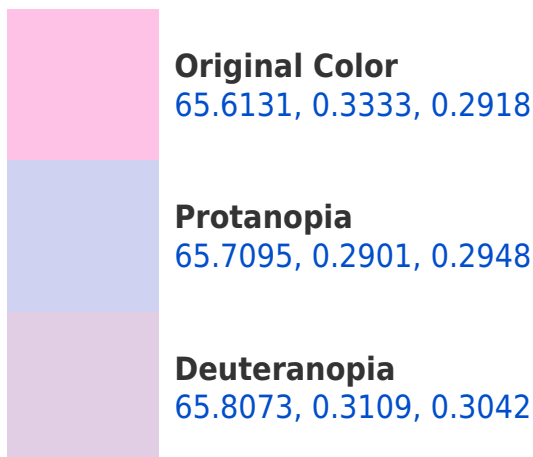


This preview shows how white text looks on a background with the Yxy color 65.6131, 0.3333, 0.2918.

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





Tritanopia

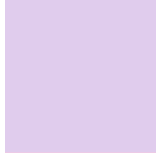
65.5686, 0.3461, 0.3136

Trichromacy



Original Color

65.6131, 0.3333, 0.2918



Protanomaly

65.1474, 0.3047, 0.2936



Deuteranomaly

65.7871, 0.3187, 0.2995



Tritanomaly

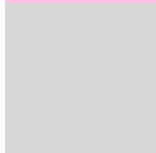
65.6652, 0.3416, 0.3056

Monochromacy



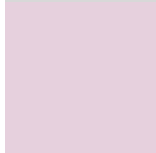
Original Color

65.6131, 0.3333, 0.2918



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

67.1552, 0.3201, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.6131, 0.3333, 0.2918 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, 194, 231)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 231)  
}
```

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, 194, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 231) }
```

Border

The CSS property to change the border of an element to Yxy 65.6131, 0.3333, 0.2918 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, 194, 231) }
```

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

```
.border{ border-color:rgb(255, 194, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 231);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6131, 0.3333, 0.2918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 231) }
```

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

```
.background{ background-color: rgb(255,  
194, 231) }
```

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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