

Converting Colors

Yxy(73.3616, 0.3660, 0.3013)

Have a look what the booklet for
Yxy(73.3616, 0.3660, 0.3013)
contains.

Yxy(65.7265, 0.3378, 0.2987)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.7265, 0.3378, 0.2987)

Conversions

Conversions Part 1

Format	Color
Hex	FFC3E1
RGB	255, 195, 225
RGB Percent	100%, 76%, 88%
CMY	0.0002, 0.2352, 0.1177
CMYK	0.00, 0.24, 0.12, 0.00
HSL	330°, 100%, 88%
HSV	330°, 24%, 100%
XYZ	74.3301, 65.7265, 79.9852
YIQ	216.3600, 26.1300, 22.0500

Conversions

Conversions Part 2

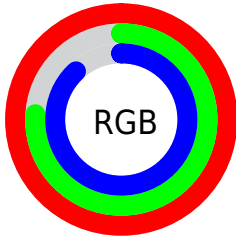
Format	Color
R _Y B	255, 195, 225
Decimal	16761825
CIE Lab	84.86, 25.93, -6.57
CIE LCh	85, 26.750, 345.785
Yxy	65.7265, 0.3378, 0.2987
Android (android.graphics.Color)	4294951905 (0xFFFFC3E1)
YUV	216.3600, 4.2595, 33.8873
Hunter-Lab	81.0719, 21.7806, -1.7450

Details

The Yxy color $65.7265, 0.3378, 0.2987$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $88.5331, 0.2934, 0.3615$, and the grayscale version is $68.8842, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.1008, 0.3128, 0.3261$, and $33.9578, 0.3439, 0.2915$ is the 20% darker color. If you saturate the color by 10%, you get $54.5909, 0.3522, 0.2852$, and if you desaturate by 10%, it is $78.8706, 0.3258, 0.3120$.

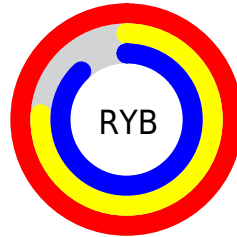
Distribution



Red (100%)

Green (76%)

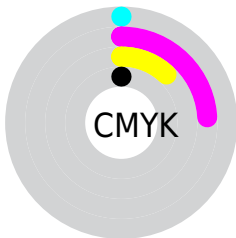
Blue (88%)



Red (100%)

Yellow (76%)

Blue (88%)

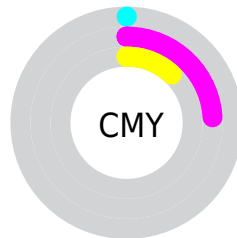


Cyan (0%)

Magenta (24%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (24%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.7265, 0.3378, 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 65.7265, 0.3378, 0.2987 by changing the saturation by 10% instead.

 65.7265, 0.3378,
0.2987

 65.7265, 0.3378,
0.2987


445.3981, 0.3262,
0.3126

 48.0504, 0.3405,
0.2955


 113.0937, 0.3337,
0.3035

 33.8668, 0.3438,
0.2916


143.5536, 0.3322,
0.3054

 22.7913, 0.3480,
0.2867


179.0436, 0.3308,
0.3070

 14.4395, 0.3535,
0.2803

219.9480, 0.3296,
0.3084

 8.4270, 0.3611,
0.2716

266.6513, 0.3286,
0.3097

 4.3693, 0.3720,
0.2592

319.5378, 0.3277,


 1.8822, 0.3893,

0.3108

0.2400

378.9919, 0.3269,
0.3118


 0.5377, 0.4272,
0.1944

 0.0000, 1.0000,
0.0000


 65.7265, 0.3378,
0.2987


 65.7265, 0.3378,
0.2987

 54.5909, 0.3522,
0.2852

 78.8706, 0.3258,
0.3120

 45.3547, 0.3692,
0.2720

 94.1074, 0.3158,
0.3247

 37.9120, 0.3889,
0.2600

99.9912, 0.3127,
0.3290

 32.1427, 0.4111,
0.2504

■ 27.9120, 0.4353,
0.2444

■ 25.0637, 0.4603,
0.2432

■ 23.4077, 0.4849,
0.2476

■ 22.7943, 0.5002,
0.2529

Harmonies

Analogous

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



65.7265, 0.3039, 0.2809



65.7265, 0.3378, 0.2987



65.7265, 0.3659, 0.3239

Triad

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



65.7265, 0.3378, 0.2987



65.7265, 0.3506, 0.3881



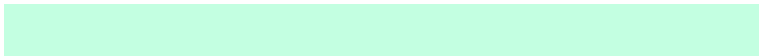
65.7265, 0.2507, 0.3009

Complementary

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



65.7265, 0.3378, 0.2987



88.5331, 0.2934, 0.3615

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.



65.7265, 0.2618, 0.3308



65.7265, 0.3378, 0.2987



65.7265, 0.3187, 0.3839

Square

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



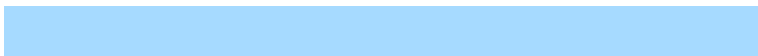
65.7265, 0.3378, 0.2987



65.7265, 0.3731, 0.3752



65.7265, 0.2863, 0.3623



65.7265, 0.2550, 0.2809

Rectangle

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



65.7265, 0.3378, 0.2987



65.7265, 0.3766, 0.3424



65.7265, 0.2863, 0.3623



65.7265, 0.2528, 0.3101

Sweetspot

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



65.7295, 0.3378, 0.2987



88.5734, 0.3191, 0.3204



62.2665, 0.2934, 0.2663



18.7581, 0.3196, 0.3196



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.



65.7295, 0.3378, 0.2987



60.5044, 0.3440, 0.2926



64.2360, 0.3617, 0.3291



18.1385, 0.3215, 0.3172



11.9456, 0.4965, 0.2509



1.1851, 0.4711, 0.2369

Inverse Universe

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



65.7295, 0.3378, 0.2987



60.5044, 0.3440, 0.2926



90.3136, 0.2779, 0.3289



18.1385, 0.3215, 0.3172



11.9456, 0.4965, 0.2509



1.1851, 0.4711, 0.2369

Previews

White Background



This preview shows how the Yxy color 65.7265, 0.3378, 0.2987 looks on a white background.

Color Contrast Check

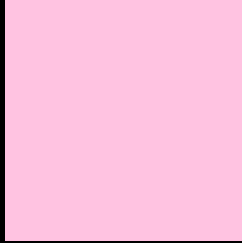
Large Text (above 18pt) WCAG AA × Fail

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 65.7265, 0.3378, 0.2987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

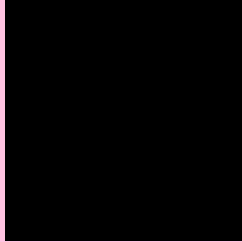
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.7265, 0.3378, 0.2987

Background



This preview shows how black text looks on a background with the Yxy color 65.7265, 0.3378, 0.2987.



This preview shows how white text looks on a background with the Yxy color 65.7265, 0.3378, 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

65.7265, 0.3378, 0.2987

Protanopia

66.1420, 0.2953, 0.3025

Deuteranopia

65.9643, 0.3173, 0.3107



Tritanopia

65.5686, 0.3461, 0.3136

Trichromacy



Original Color

65.7265, 0.3378, 0.2987



Protanomaly

65.6009, 0.3103, 0.3010



Deuteranomaly

65.8000, 0.3245, 0.3058



Tritanomaly

65.5604, 0.3431, 0.3076

Monochromacy



Original Color

65.7265, 0.3378, 0.2987



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

67.0492, 0.3215, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7265, 0.3378, 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(255, 195, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 195, 225)  
}
```

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, 195, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 195, 225) }
```

Border

The CSS property to change the border of an element to Yxy 65.7265, 0.3378, 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(255, 195, 225) }
```

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

```
.border{ border-color:rgb(255, 195, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 195, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 195, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 195, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 195,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7265, 0.3378, 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(255, 195, 225) }
```

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

```
.background{ background-color: rgb(255,  
195, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor