

Converting Colors

$Y_{xy}(65.2724, 0.3320, 0.2886)$

Have a look what the booklet for
Yxy(65.2724, 0.3320, 0.2886)
contains.

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Color

Yxy(65.2831, 0.3319, 0.2888)

Conversions

Conversions Part 1

Format	Color
Hex	FFC1E9
RGB	255, 193, 233
RGB Percent	100%, 76%, 91%
CMY	0.0000, 0.2432, 0.0863
CMYK	0.00, 0.24, 0.09, 0.00
HSL	321°, 100%, 88%
HSV	321°, 24%, 100%
XYZ	75.0258, 65.2831, 85.7406
YIQ	216.0980, 24.1120, 25.5840

Conversions

Conversions Part 2

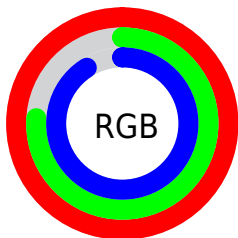
Format	Color
R _Y B	255, 193, 233
Decimal	16761321
CIE Lab	84.63, 28.34, -11.19
CIE LCh	85, 30.472, 338.458
Yxy	65.2831, 0.3319, 0.2888
Android (android.graphics.Color)	4294951401 (0xFFFFC1E9)
YUV	216.0980, 8.3327, 34.1171
Hunter-Lab	80.7980, 24.3517, -6.3584

Details

The Yxy color **65.2831, 0.3319, 0.2888** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **87.7623, 0.2975, 0.3730**, and the grayscale version is **68.6663, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **33.6453, 0.3370, 0.2802** is the 20% darker color. If you saturate the color by 10%, you get **54.4583, 0.3422, 0.2717**, and if you desaturate by 10%, it is **78.0731, 0.3230, 0.3058**.

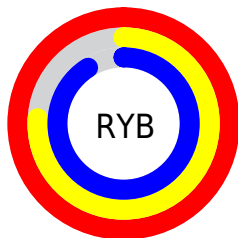
Distribution



Red (100%)

Green (76%)

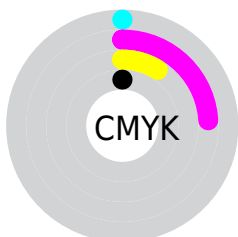
Blue (91%)



Red (100%)

Yellow (76%)

Blue (91%)

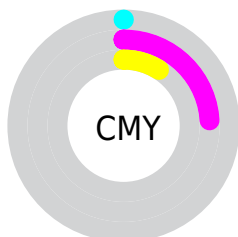


Cyan (0%)

Magenta (24%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.2831, 0.3319, 0.2888 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 65.2831, 0.3319, 0.2888 by changing the saturation by 10% instead.


 65.2831, 0.3319,
0.2888

 65.2831, 0.3319,
0.2888

443.8086, 0.3232,
0.3071

 47.6907, 0.3339,
0.2847


 112.4568, 0.3289,
0.2951

 33.5820, 0.3363,
0.2796


142.8068, 0.3277,
0.2976

 22.5727, 0.3393,
0.2733


178.1782, 0.3267,
0.2997

 14.2783, 0.3432,
0.2651

218.9552, 0.3258,
0.3016

 8.3145, 0.3485,
0.2542

265.5224, 0.3250,
0.3032

 4.2968, 0.3559,
0.2387


318.2641, 0.3243,


 1.8409, 0.3670,


0.3046


0.2155


377.5647, 0.3237,
0.3059


 0.5125, 0.3917,
0.1637


 0.0000, 0.4845,
0.0000

 65.2831, 0.3319,
0.2888


 65.2831, 0.3319,
0.2888

 54.4583, 0.3422,
0.2717

 78.0731, 0.3230,
0.3058

 45.5061, 0.3542,
0.2551

 92.9287, 0.3156,
0.3222

 38.3148, 0.3676,
0.2401

100.0000, 0.3127,
0.3290

 32.7643, 0.3824,
0.2276

■ 28.7189, 0.3980,
0.2189

■ 26.0211, 0.4141,
0.2150

■ 24.4780, 0.4298,
0.2163

■ 23.9602, 0.4386,
0.2190

Harmonies

Analogous

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



65.2831, 0.2934, 0.2715



65.2831, 0.3319, 0.2888



65.2831, 0.3669, 0.3155

Triad

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



65.2831, 0.3319, 0.2888



65.2831, 0.3634, 0.3944



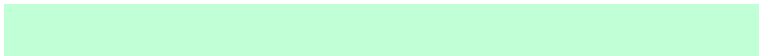
65.2831, 0.2439, 0.3041

Complementary

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



65.2831, 0.3319, 0.2888



87.7623, 0.2975, 0.3730

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.



65.2831, 0.2604, 0.3400



65.2831, 0.3319, 0.2888



65.2831, 0.3286, 0.3953

Square

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



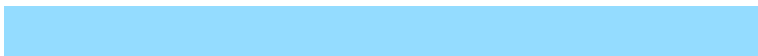
65.2831, 0.3319, 0.2888



65.2831, 0.3852, 0.3754



65.2831, 0.2909, 0.3749



65.2831, 0.2446, 0.2783

Rectangle

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



65.2831, 0.3319, 0.2888



65.2831, 0.3824, 0.3361



65.2831, 0.2909, 0.3749



65.2831, 0.2476, 0.3154

Sweetspot

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



65.2806, 0.3319, 0.2888



88.7341, 0.3174, 0.3179



59.7582, 0.2859, 0.2626



18.7954, 0.3179, 0.3169



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.



65.2806, 0.3319, 0.2888



59.9723, 0.3365, 0.2808



63.6754, 0.3563, 0.3195



18.1845, 0.3193, 0.3138



12.5492, 0.4361, 0.2176



1.2427, 0.4195, 0.2084

Inverse Universe

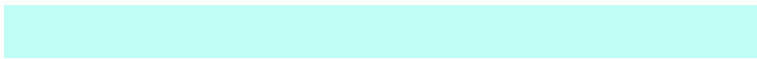
The Inverse Universe completely reimagines the original color for something new.



65.2806, 0.3319, 0.2888



59.9723, 0.3365, 0.2808



89.4920, 0.2814, 0.3388



18.1845, 0.3193, 0.3138



12.5492, 0.4361, 0.2176



1.2427, 0.4195, 0.2084

Previews

White Background



This preview shows how the Yxy color 65.2831, 0.3319, 0.2888 looks on a white background.

Color Contrast Check

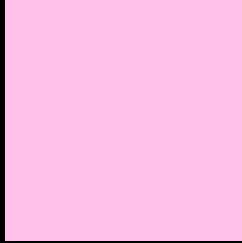
Large Text (above 18pt) WCAG AA × Fail

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 65.2831, 0.3319, 0.2888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

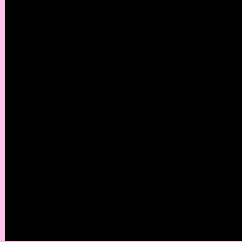
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.2831, 0.3319, 0.2888

Background



This preview shows how black text looks on a background with the Yxy color 65.2831, 0.3319, 0.2888.



This preview shows how white text looks on a background with the Yxy color 65.2831, 0.3319, 0.2888.

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

65.2831, 0.3319, 0.2888

Protanopia

65.7467, 0.2876, 0.2916

Deuteranopia

65.6001, 0.3080, 0.3019



Tritanopia

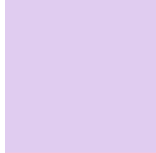
65.3814, 0.3453, 0.3136

Trichromacy



Original Color

65.2831, 0.3319, 0.2888



Protanomaly

65.3243, 0.3027, 0.2905



Deuteranomaly

65.2617, 0.3165, 0.2963



Tritanomaly

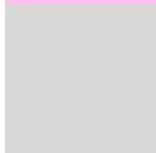
65.5298, 0.3400, 0.3045

Monochromacy



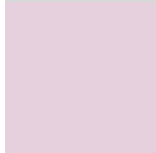
Original Color

65.2831, 0.3319, 0.2888



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

67.2087, 0.3194, 0.3140

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2831, 0.3319, 0.2888 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, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 233)  
}
```

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, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 233) }
```

Border

The CSS property to change the border of an element to Yxy 65.2831, 0.3319, 0.2888 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, 233) }
```

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

```
.border{ border-color:rgb(255, 193, 233) }
```

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, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2831, 0.3319, 0.2888 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, 233) }
```

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

```
.background{ background-color: rgb(255,  
193, 233) }
```

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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