

Converting Colors

$Y_{xy}(65.7274, 0.3378, 0.3075)$

Have a look what the booklet for
Yxy(65.7274, 0.3378, 0.3075)
contains.

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Color

Yxy(65.6424, 0.3373, 0.3073)

Conversions

Conversions Part 1

Format	Color
Hex	F9C6DB
RGB	249, 198, 219
RGB Percent	98%, 78%, 86%
CMY	0.0235, 0.2235, 0.1410
CMYK	0.00, 0.20, 0.12, 0.02
HSL	335°, 81%, 88%
HSV	335°, 20%, 98%
XYZ	72.0507, 65.6424, 75.9170
YIQ	215.6430, 23.6550, 17.3430

Conversions

Conversions Part 2

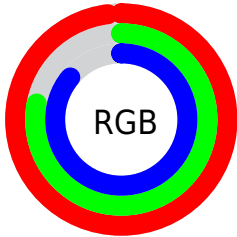
Format	Color
R_{YB}	249, 198, 219
Decimal	16369371
CIE _{Lab}	84.81, 21.36, -3.53
CIE _{LCh}	85, 21.648, 350.615
Yxy	65.6424, 0.3373, 0.3073
Android (android.graphics.Color)	4294559451 (0xFFF9C6DB)
YUV	215.6430, 1.6550, 29.2541
Hunter-Lab	81.0200, 16.9542, 1.1583

Details

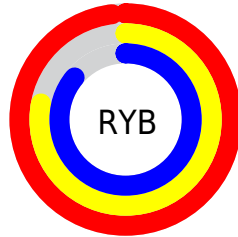
The Yxy color **65.6424, 0.3373, 0.3073** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.3561, 0.2933, 0.3518**, and the grayscale version is **68.3933, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.8333, 0.3434, 0.3024** is the 20% darker color. If you saturate the color by 10%, you get **54.4454, 0.3533, 0.2961**, and if you desaturate by 10%, it is **78.7841, 0.3241, 0.3182**.

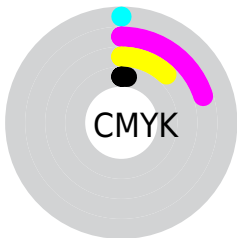
Distribution



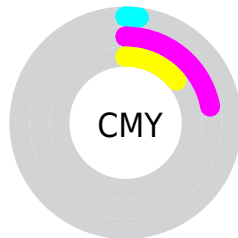
- Red (98%)
- Green (78%)
- Blue (86%)



- Red (98%)
- Yellow (78%)
- Blue (86%)



- Cyan (0%)
- Magenta (20%)
- Yellow (12%)
- Black (2%)





- Cyan (2%)
- Magenta (22%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.6424, 0.3373, 0.3073 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 65.6424, 0.3373, 0.3073 by changing the saturation by 10% instead.

 65.6424, 0.3373,
0.3073

 65.6424, 0.3373,
0.3073

445.0969, 0.3258,
0.3174

 47.9822, 0.3400,
0.3050


112.9729, 0.3333,
0.3108

 33.8128, 0.3433,
0.3021


143.4120, 0.3317,
0.3122

 22.7498, 0.3475,
0.2985


178.8795, 0.3304,
0.3133

 14.4089, 0.3531,
0.2937

219.7598, 0.3292,
0.3144

 8.4056, 0.3608,
0.2872

266.4373, 0.3282,
0.3153

 4.3556, 0.3722,
0.2777

319.2964, 0.3273,

 1.8744, 0.3905,

0.3160

0.2627

378.7214, 0.3265,
0.3168

0.5329, 0.4338,
0.2219

0.0000, 0.0000,
0.0000

65.6424, 0.3373,
0.3073

65.6424, 0.3373,
0.3073

54.4454, 0.3533,
0.2961

78.7841, 0.3241,
0.3182

45.0912, 0.3726,
0.2850

93.9484, 0.3132,
0.3285

37.4819, 0.3953,
0.2747

98.8796, 0.3090,
0.3290

31.5070, 0.4214,
0.2663

■ 27.0432, 0.4503,
0.2610

■ 23.9492, 0.4808,
0.2601

■ 22.0566, 0.5107,
0.2646

■ 21.1132, 0.5372,
0.2733

Harmonies

Analogous

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



65.6424, 0.3101, 0.2913



65.6424, 0.3373, 0.3073



65.6424, 0.3583, 0.3288

Triad

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



65.6424, 0.3373, 0.3073



65.6424, 0.3399, 0.3771



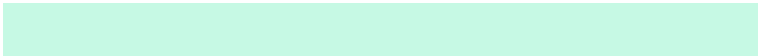
65.6424, 0.2617, 0.3032

Complementary

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



65.6424, 0.3373, 0.3073



85.3561, 0.2933, 0.3518

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.



65.6424, 0.2690, 0.3266



65.6424, 0.3373, 0.3073



65.6424, 0.3134, 0.3710

Square

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



65.6424, 0.3373, 0.3073



65.6424, 0.3595, 0.3692



65.6424, 0.2876, 0.3520



65.6424, 0.2674, 0.2883

Rectangle

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



65.6424, 0.3373, 0.3073



65.6424, 0.3654, 0.3440



65.6424, 0.2876, 0.3520



65.6424, 0.2627, 0.3103

Sweetspot

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



65.6453, 0.3373, 0.3073



90.0582, 0.3189, 0.3229



63.6819, 0.2994, 0.2755



19.0547, 0.3196, 0.3222



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.



65.6453, 0.3373, 0.3073



63.6691, 0.3442, 0.3022



66.5763, 0.3529, 0.3336



17.3440, 0.3229, 0.3193



11.3283, 0.5330, 0.2710



1.0697, 0.5020, 0.2539

Inverse Universe

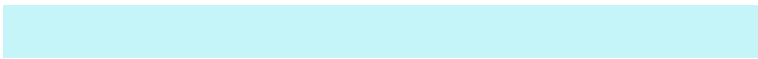
The Inverse Universe completely reimagines the original color for something new.



65.6453, 0.3373, 0.3073



63.6691, 0.3442, 0.3022



83.9988, 0.2818, 0.3244



17.3440, 0.3229, 0.3193



11.3283, 0.5330, 0.2710



1.0697, 0.5020, 0.2539

Previews

White Background



This preview shows how the Yxy color 65.6424, 0.3373, 0.3073 looks on a white background.

Color Contrast Check

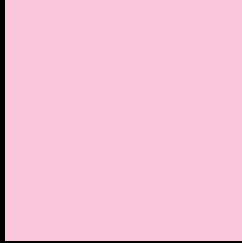
Large Text (above 18pt) WCAG AA × Fail

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 65.6424, 0.3373, 0.3073 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 65.6424, 0.3373, 0.3073

Background



This preview shows how black text looks on a background with the Yxy color 65.6424, 0.3373, 0.3073.



This preview shows how white text looks on a background with the Yxy color 65.6424, 0.3373, 0.3073.

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

65.6424, 0.3373, 0.3073

Protanopia

66.1316, 0.3027, 0.3112

Deuteranopia

66.0276, 0.3224, 0.3161



Tritanopia

65.6583, 0.3403, 0.3135

Trichromacy



Original Color

65.6424, 0.3373, 0.3073

Protanomaly

65.5320, 0.3144, 0.3094

Deuteranomaly

65.7784, 0.3281, 0.3131

Tritanomaly

65.7612, 0.3387, 0.3114

Monochromacy



Original Color

65.6424, 0.3373, 0.3073

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

67.1047, 0.3214, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.6424, 0.3373, 0.3073 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(249, 198, 219)` looks like.

```
.text, #text, p{  
    color:rgb(249, 198, 219)  
}
```

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(249, 198, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 198, 219) }
```

Border

The CSS property to change the border of an element to Yxy 65.6424, 0.3373, 0.3073 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(249, 198, 219) }
```

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

```
.border{ border-color:rgb(249, 198, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 198, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 198, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 198, 219);  
box-shadow:4px 4px 4px 4px rgb(249, 198,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6424, 0.3373, 0.3073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 198, 219) }
```

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

```
.background{ background-color: rgb(249,  
198, 219) }
```

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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