

Converting Colors

$Y_{xy}(68.6265, 0.3326, 0.3025)$

Have a look what the booklet for
Yxy(68.6265, 0.3326, 0.3025)
contains.

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Color

Yxy(68.5379, 0.3324, 0.3026)

Conversions

Conversions Part 1

Format	Color
Hex	FCCA4E
RGB	252, 202, 228
RGB Percent	99%, 79%, 89%
CMY	0.0115, 0.2079, 0.1058
CMYK	0.00, 0.20, 0.10, 0.01
HSL	329°, 90%, 89%
HSV	329°, 20%, 99%
XYZ	75.2875, 68.5379, 82.6713
YIQ	219.9140, 21.4540, 18.6860

Conversions

Conversions Part 2

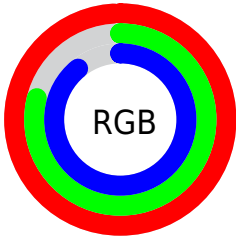
Format	Color
R _Y B	252, 202, 228
Decimal	16567012
CIE Lab	86.27, 21.79, -6.12
CIE LCh	86, 22.632, 344.307
Yxy	68.5379, 0.3324, 0.3026
Android (android.graphics.Color)	4294757092 (0xFFFCCE4)
YUV	219.9140, 3.9864, 28.1394
Hunter-Lab	82.7876, 17.4505, -1.2554

Details

The Yxy color **68.5379, 0.3324, 0.3026** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **87.7067, 0.2968, 0.3570**, and the grayscale version is **71.4730, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.7990, 0.3366, 0.2965** is the 20% darker color. If you saturate the color by 10%, you get **57.0154, 0.3454, 0.2886**, and if you desaturate by 10%, it is **82.0453, 0.3216, 0.3162**.

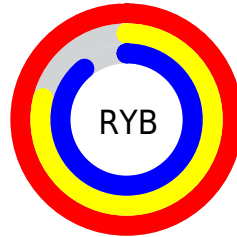
Distribution



Red (99%)

Green (79%)

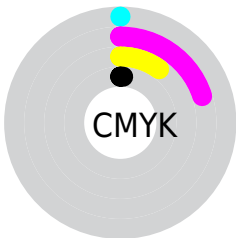
Blue (89%)



Red (99%)

Yellow (79%)

Blue (89%)

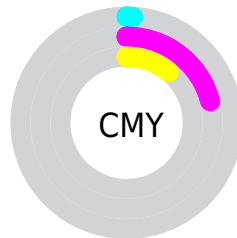


Cyan (0%)

Magenta (20%)

Yellow (10%)

Black (1%)



Cyan (1%)


Magenta (21%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.5379, 0.3324, 0.3026 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 68.5379, 0.3324, 0.3026 by changing the saturation by 10% instead.

 68.5379, 0.3324,
0.3026

 68.5379, 0.3324,
0.3026


455.3995, 0.3233,
0.3147

 50.3355, 0.3345,
0.2999


117.1213, 0.3293,
0.3068

 35.6800, 0.3370,
0.2965


148.2711, 0.3280,
0.3084

 24.1872, 0.3403,
0.2923


184.5054, 0.3270,
0.3098

 15.4725, 0.3445,
0.2868

226.2087, 0.3261,
0.3110

 9.1517, 0.3502,
0.2793

273.7654, 0.3252,
0.3121

 4.8403, 0.3585,
0.2688

327.5598, 0.3245,

 2.1538, 0.3714,

0.3131

387.9764, 0.3239,
0.3139

0.2525

0.6946, 0.3960,
0.2213

0.0000, 1.0000,
0.0000

68.5379, 0.3324,
0.3026

68.5379, 0.3324,
0.3026

57.0154, 0.3454,
0.2886

82.0453, 0.3216,
0.3162

47.3740, 0.3607,
0.2747

97.6168, 0.3126,
0.3292

39.5142, 0.3786,
0.2617

99.4473, 0.3109,
0.3290

33.3239, 0.3989,
0.2506

■ 28.6777, 0.4212,
0.2427

■ 25.4326, 0.4448,
0.2392

■ 23.4180, 0.4684,
0.2410

■ 22.3586, 0.4911,
0.2480

■ 22.3472, 0.4914,
0.2481

Harmonies

Analogous

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



68.5379, 0.3041, 0.2879



68.5379, 0.3324, 0.3026



68.5379, 0.3561, 0.3238

Triad

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



68.5379, 0.3324, 0.3026



68.5379, 0.3457, 0.3780



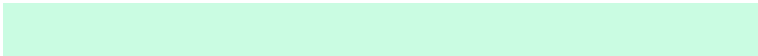
68.5379, 0.2607, 0.3069

Complementary

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



68.5379, 0.3324, 0.3026



87.7067, 0.2968, 0.3570

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.



68.5379, 0.2708, 0.3321



68.5379, 0.3324, 0.3026



68.5379, 0.3194, 0.3749

Square

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



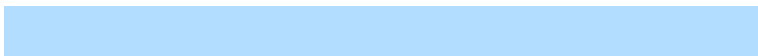
68.5379, 0.3324, 0.3026



68.5379, 0.3637, 0.3672



68.5379, 0.2920, 0.3577



68.5379, 0.2637, 0.2894

Rectangle

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



68.5379, 0.3324, 0.3026



68.5379, 0.3655, 0.3395



68.5379, 0.2920, 0.3577



68.5379, 0.2627, 0.3147

Sweetspot

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



68.5410, 0.3324, 0.3026



90.1595, 0.3179, 0.3213



65.3277, 0.2957, 0.2765



19.0787, 0.3185, 0.3205



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.



68.5410, 0.3324, 0.3026



65.2246, 0.3375, 0.2968



67.2814, 0.3510, 0.3274



17.3759, 0.3212, 0.3167



11.6643, 0.4878, 0.2461



1.1017, 0.4624, 0.2321

Inverse Universe

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



68.5410, 0.3324, 0.3026



65.2246, 0.3375, 0.2968



89.1412, 0.2838, 0.3307



17.3759, 0.3212, 0.3167



11.6643, 0.4878, 0.2461



1.1017, 0.4624, 0.2321

Previews

White Background



This preview shows how the Yxy color 68.5379, 0.3324, 0.3026 looks on a white background.

Color Contrast Check

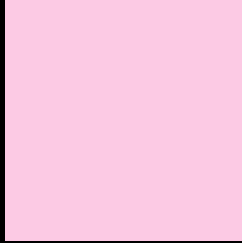
Large Text (above 18pt) WCAG AA × Fail

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 68.5379, 0.3324, 0.3026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

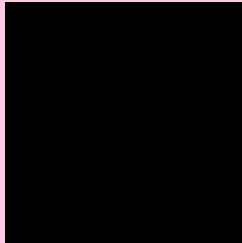
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.5379, 0.3324, 0.3026

Background



This preview shows how black text looks on a background with the Yxy color 68.5379, 0.3324, 0.3026.



This preview shows how white text looks on a background with the Yxy color 68.5379, 0.3324, 0.3026.

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

68.5379, 0.3324, 0.3026

Protanopia

68.9531, 0.2982, 0.3061

Deuteranopia

68.7950, 0.3173, 0.3110



Tritanopia

68.3356, 0.3382, 0.3126

Trichromacy



Original Color

68.5379, 0.3324, 0.3026

Protanomaly

68.4704, 0.3102, 0.3045

Deuteranomaly

68.5224, 0.3227, 0.3081

Tritanomaly

68.4950, 0.3360, 0.3096

Monochromacy



Original Color

68.5379, 0.3324, 0.3026

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.0720, 0.3198, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.5379, 0.3324, 0.3026 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(252, 202, 228)` looks like.

```
.text, #text, p{  
    color:rgb(252, 202, 228)  
}
```

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(252, 202, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 202, 228) }
```

Border

The CSS property to change the border of an element to Yxy 68.5379, 0.3324, 0.3026 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(252, 202, 228) }
```

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

```
.border{ border-color:rgb(252, 202, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 202, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 202, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 202, 228);  
box-shadow:4px 4px 4px 4px rgb(252, 202,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 68.5379, 0.3324, 0.3026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 202, 228) }
```

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

```
.background{ background-color: rgb(252,  
202, 228) }
```

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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