

Converting Colors

$Y_{xy}(68.0870, 0.3367, 0.3054)$

Have a look what the booklet for
Yxy(68.0870, 0.3367, 0.3054)
contains.

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Color

Yxy(68.2259, 0.3370, 0.3057)

Conversions

Conversions Part 1

Format	Color
Hex	FEC9E0
RGB	254, 201, 224
RGB Percent	100%, 79%, 88%
CMY	0.0040, 0.2117, 0.1215
CMYK	0.00, 0.21, 0.12, 0.00
HSL	334°, 96%, 89%
HSV	334°, 21%, 100%
XYZ	75.2114, 68.2259, 79.7419
YIQ	219.4690, 24.2050, 18.3890

Conversions

Conversions Part 2

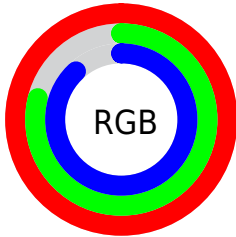
Format	Color
RYB	254, 201, 224
Decimal	16697824
CIELab	86.12, 22.30, -4.21
CIELCh	86, 22.696, 349.313
Yxy	68.2259, 0.3370, 0.3057
Android (android.graphics.Color)	4294887904 (0xFFFE09E0)
YUV	219.4690, 2.2338, 30.2837
Hunter-Lab	82.5990, 17.9870, 0.5801

Details

The Yxy color $68.2259, 0.3370, 0.3057$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $89.0588, 0.2936, 0.3536$, and the grayscale version is $71.1544, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.6023, 0.3428, 0.3005$ is the 20% darker color. If you saturate the color by 10%, you get $56.6027, 0.3526, 0.2939$, and if you desaturate by 10%, it is $81.8788, 0.3241, 0.3172$.

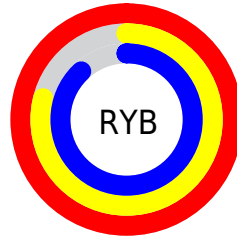
Distribution



Red (100%)

Green (79%)

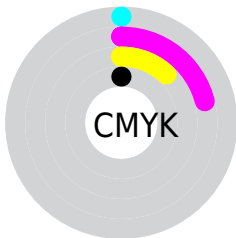
Blue (88%)



Red (100%)

Yellow (79%)

Blue (88%)

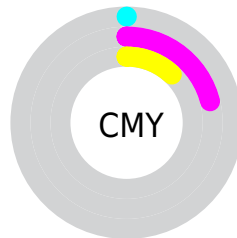


Cyan (0%)

Magenta (21%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.2259, 0.3370, 0.3057 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 68.2259, 0.3370, 0.3057 by changing the saturation by 10% instead.


 68.2259, 0.3370,
0.3057

 68.2259, 0.3370,
0.3057


454.2960, 0.3257,
0.3164

 50.0815, 0.3396,
0.3033


116.6753, 0.3331,
0.3094

 35.4782, 0.3428,
0.3003

147.7490, 0.3316,
0.3109

 24.0315, 0.3469,
0.2965


183.9014, 0.3302,
0.3121

 15.3570, 0.3522,
0.2915

225.5168, 0.3291,
0.3132

 9.0703, 0.3595,
0.2848

272.9795, 0.3281,
0.3142

 4.7871, 0.3702,
0.2751

326.6740, 0.3272,

 2.1229, 0.3870,

0.3150

0.2601

386.9847, 0.3264,
0.3158

0.6774, 0.4198,
0.2297

0.0000, 1.0000,
0.0000

68.2259, 0.3370,
0.3057

68.2259, 0.3370,
0.3057

56.6027, 0.3526,
0.2939

81.8788, 0.3241,
0.3172

46.9022, 0.3712,
0.2822

97.6433, 0.3135,
0.3281

39.0216, 0.3931,
0.2714

99.8074, 0.3121,
0.3290

32.8446, 0.4182,
0.2626

■ 28.2413, 0.4459,
0.2570

■ 25.0629, 0.4750,
0.2559

■ 23.1311, 0.5037,
0.2602

■ 22.2006, 0.5282,
0.2683

Harmonies

Analogous

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



68.2259, 0.3088, 0.2896



68.2259, 0.3370, 0.3057



68.2259, 0.3592, 0.3277

Triad

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



68.2259, 0.3370, 0.3057



68.2259, 0.3419, 0.3787



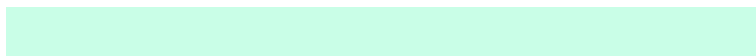
68.2259, 0.2601, 0.3032

Complementary

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



68.2259, 0.3370, 0.3057



89.0588, 0.2936, 0.3536

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.



68.2259, 0.2681, 0.3276



68.2259, 0.3370, 0.3057



68.2259, 0.3147, 0.3731

Square

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



68.2259, 0.3370, 0.3057



68.2259, 0.3618, 0.3699



68.2259, 0.2878, 0.3539



68.2259, 0.2653, 0.2873

Rectangle

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



68.2259, 0.3370, 0.3057



68.2259, 0.3670, 0.3434



68.2259, 0.2878, 0.3539



68.2259, 0.2613, 0.3106

Sweetspot

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



68.2290, 0.3370, 0.3057



90.0788, 0.3187, 0.3226



65.7800, 0.2978, 0.2742



19.0596, 0.3194, 0.3219



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.



68.2290, 0.3370, 0.3057



63.7424, 0.3431, 0.3008



68.3090, 0.3543, 0.3319



18.1181, 0.3226, 0.3187



11.7347, 0.5242, 0.2661



1.1640, 0.4954, 0.2503

Inverse Universe

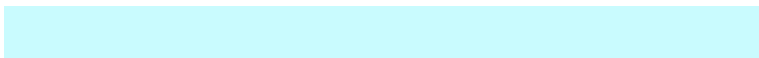
The Inverse Universe completely reimagines the original color for something new.



68.2290, 0.3370, 0.3057



63.7424, 0.3431, 0.3008



88.7763, 0.2813, 0.3261



18.1181, 0.3226, 0.3187



11.7347, 0.5242, 0.2661



1.1640, 0.4954, 0.2503

Previews

White Background



This preview shows how the Yxy color 68.2259, 0.3370, 0.3057 looks on a white background.

Color Contrast Check

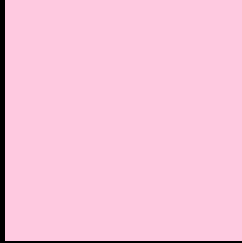
Large Text (above 18pt) WCAG AA × Fail

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 68.2259, 0.3370, 0.3057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

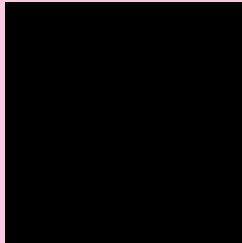
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.2259, 0.3370, 0.3057

Background



This preview shows how black text looks on a background with the Yxy color 68.2259, 0.3370, 0.3057.



This preview shows how white text looks on a background with the Yxy color 68.2259, 0.3370, 0.3057.

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

68.2259, 0.3370, 0.3057

Protanopia

68.3664, 0.3015, 0.3093

Deuteranopia

68.1985, 0.3216, 0.3152



Tritanopia

68.1857, 0.3407, 0.3127

Trichromacy



Original Color

68.2259, 0.3370, 0.3057

Protanomaly

67.9161, 0.3137, 0.3076

Deuteranomaly

68.1711, 0.3272, 0.3112

Tritanomaly

68.2910, 0.3392, 0.3107

Monochromacy



Original Color

68.2259, 0.3370, 0.3057

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

69.4632, 0.3213, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.2259, 0.3370, 0.3057 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(254, 201, 224)` looks like.

```
.text, #text, p{  
    color:rgb(254, 201, 224)  
}
```

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(254, 201, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 201, 224) }
```

Border

The CSS property to change the border of an element to Yxy 68.2259, 0.3370, 0.3057 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(254, 201, 224) }
```

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

```
.border{ border-color:rgb(254, 201, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 201, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 201, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 201, 224);  
box-shadow:4px 4px 4px 4px rgb(254, 201,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 68.2259, 0.3370, 0.3057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 201, 224) }
```

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

```
.background{ background-color: rgb(254,  
201, 224) }
```

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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