

Converting Colors

$Yxy(68.3301, 0.3349, 0.3011)$

Have a look what the booklet for
Yxy(68.3301, 0.3349, 0.3011)
contains.

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Color

Yxy(68.1700, 0.3349, 0.3008)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFC8E4 |
| RGB | 255, 200, 228 |
| RGB Percent | 100%, 78%, 89% |
| CMY | 0.0000, 0.2157, 0.1059 |
| CMYK | 0.00, 0.22, 0.11, 0.00 |
| HSL | 329°, 100%, 89% |
| HSV | 329°, 22%, 100% |
| XYZ | 75.8980, 68.1700, 82.5609 |
| YIQ | 219.6370, 23.7920, 20.3680 |

Conversions

Conversions Part 2

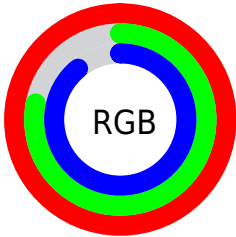
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 200, 228 |
| Decimal | 16763108 |
| CIE Lab | 86.09, 23.83, -6.36 |
| CIE LCh | 86, 24.659, 345.062 |
| Yxy | 68.1700, 0.3349, 0.3008 |
| Android (android.graphics.Color) | 4294953188 (0xFFFFC8E4) |
| YUV | 219.6370, 4.1230, 31.0134 |
| Hunter-Lab | 82.5651, 19.5973, -1.4914 |

Details

The Yxy color $68.1700, 0.3349, 0.3008$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $89.3457, 0.2952, 0.3591$, and the grayscale version is $71.2645, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.5807, 0.3400, 0.2942$ is the 20% darker color. If you saturate the color by 10%, you get $56.6595, 0.3486, 0.2870$, and if you desaturate by 10%, it is $81.7067, 0.3235, 0.3143$.

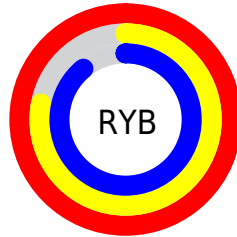
Distribution



Red (100%)

Green (78%)

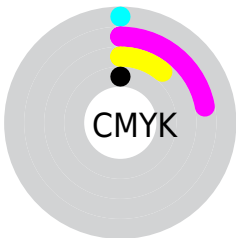
Blue (89%)



Red (100%)

Yellow (78%)

Blue (89%)

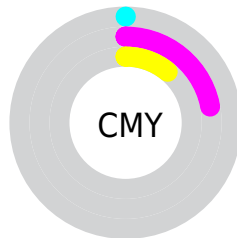


Cyan (0%)

Magenta (22%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.1700, 0.3349, 0.3008 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 68.1700, 0.3349, 0.3008 by changing the saturation by 10% instead.


 68.1700, 0.3349,
0.3008

 68.1700, 0.3349,
0.3008

454.0981, 0.3247,
0.3137

 50.0361, 0.3372,
0.2979


116.5953, 0.3314,
0.3053

 35.4420, 0.3401,
0.2943


147.6555, 0.3300,
0.3070

 24.0036, 0.3438,
0.2898


183.7931, 0.3288,
0.3085

 15.3363, 0.3485,
0.2839

225.3927, 0.3277,
0.3098

 9.0557, 0.3550,
0.2760

272.8386, 0.3268,
0.3110

 4.7776, 0.3644,
0.2648

326.5152, 0.3260,

 2.1173, 0.3790,

0.3120

0.2475

386.8069, 0.3253,
0.3129

0.6744, 0.4070,
0.2139

0.0000, 1.0000,
0.0000

68.1700, 0.3349,
0.3008

68.1700, 0.3349,
0.3008

56.6595, 0.3486,
0.2870

81.7067, 0.3235,
0.3143

47.0673, 0.3647,
0.2735

97.3523, 0.3140,
0.3271

39.2895, 0.3835,
0.2610

99.9999, 0.3127,
0.3290

33.2085, 0.4048,
0.2506

■ 28.6925, 0.4280,
0.2436

■ 25.5904, 0.4524,
0.2412

■ 23.7201, 0.4766,
0.2443

■ 22.8673, 0.4962,
0.2507

Harmonies

Analogous

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



68.1700, 0.3040, 0.2846



68.1700, 0.3349, 0.3008



68.1700, 0.3606, 0.3239

Triad

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



68.1700, 0.3349, 0.3008



68.1700, 0.3480, 0.3826



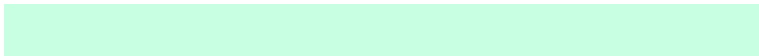
68.1700, 0.2561, 0.3041

Complementary

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



68.1700, 0.3349, 0.3008



89.3457, 0.2952, 0.3591

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.



68.1700, 0.2667, 0.3315



68.1700, 0.3349, 0.3008



68.1700, 0.3191, 0.3790

Square

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



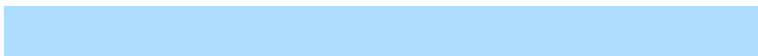
68.1700, 0.3349, 0.3008



68.1700, 0.3680, 0.3709



68.1700, 0.2894, 0.3598



68.1700, 0.2597, 0.2854

Rectangle

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



68.1700, 0.3349, 0.3008



68.1700, 0.3706, 0.3408



68.1700, 0.2894, 0.3598



68.1700, 0.2581, 0.3126

Sweetspot

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



68.1731, 0.3349, 0.3008



90.1494, 0.3180, 0.3215



64.7950, 0.2946, 0.2717



19.0763, 0.3186, 0.3206



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.



68.1731, 0.3349, 0.3008



62.8248, 0.3407, 0.2947



66.7846, 0.3559, 0.3282



18.1415, 0.3214, 0.3170



11.9790, 0.4925, 0.2487



1.1884, 0.4676, 0.2350

Inverse Universe

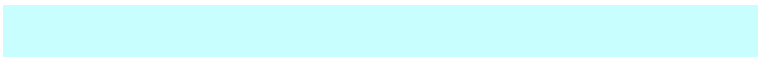
The Inverse Universe completely reimagines the original color for something new.



68.1731, 0.3349, 0.3008



62.8248, 0.3407, 0.2947



90.9608, 0.2810, 0.3299



18.1415, 0.3214, 0.3170



11.9790, 0.4925, 0.2487



1.1884, 0.4676, 0.2350

Previews

White Background



This preview shows how the Yxy color 68.1700, 0.3349, 0.3008 looks on a white background.

Color Contrast Check

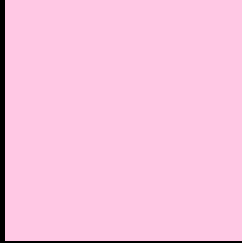
Large Text (above 18pt) WCAG AA × Fail

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 68.1700, 0.3349, 0.3008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

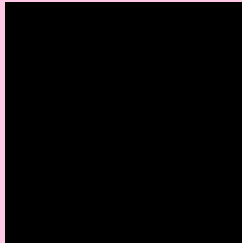
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.1700, 0.3349, 0.3008

Background



This preview shows how black text looks on a background with the Yxy color 68.1700, 0.3349, 0.3008.



This preview shows how white text looks on a background with the Yxy color 68.1700, 0.3349, 0.3008.

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

68.1700, 0.3349, 0.3008

Protanopia

68.3537, 0.2969, 0.3039

Deuteranopia

68.2477, 0.3180, 0.3109



Tritanopia

68.3216, 0.3422, 0.3138

Trichromacy



Original Color

68.1700, 0.3349, 0.3008

Protanomaly

68.0354, 0.3096, 0.3024

Deuteranomaly

68.2139, 0.3235, 0.3071

Tritanomaly

68.0646, 0.3393, 0.3087

Monochromacy



Original Color

68.1700, 0.3349, 0.3008

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.2399, 0.3206, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.1700, 0.3349, 0.3008 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, 200, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 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(255, 200, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 228) }
```

Border

The CSS property to change the border of an element to Yxy 68.1700, 0.3349, 0.3008 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, 200, 228) }
```

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

```
.border{ border-color:rgb(255, 200, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 200, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 200, 228); box-shadow:4px 4px 4px 4px rgb(255, 200, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 68.1700, 0.3349, 0.3008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 228) }
```

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

```
.background{ background-color: rgb(255,  
200, 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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