

Converting Colors

Yxy(68.7699, 0.3345, 0.3101)

Have a look what the booklet for
Yxy(68.7699, 0.3345, 0.3101)
contains.

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Color

Yxy(68.7837, 0.3351, 0.3106)

Conversions

Conversions Part 1

Format	Color
Hex	FACCDE
RGB	250, 204, 222
RGB Percent	98%, 80%, 87%
CMY	0.0195, 0.2000, 0.1295
CMYK	0.00, 0.18, 0.11, 0.02
HSL	337°, 82%, 89%
HSV	337°, 18%, 98%
XYZ	74.2093, 68.7837, 78.4613
YIQ	219.8060, 21.6380, 15.3500

Conversions

Conversions Part 2

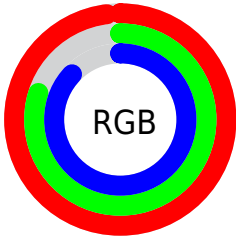
Format	Color
R _Y B	250, 204, 222
Decimal	16436446
CIE Lab	86.40, 19.04, -2.76
CIE LCh	86, 19.242, 351.754
Yxy	68.7837, 0.3351, 0.3106
Android (android.graphics.Color)	4294626526 (0xFFFAACCDE)
YUV	219.8060, 1.0816, 26.4801
Hunter-Lab	82.9359, 14.5801, 1.9641

Details

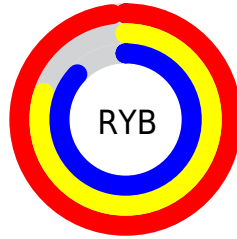
The Yxy color **68.7837, 0.3351, 0.3106** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.0582, 0.2946, 0.3482**, and the grayscale version is **71.4122, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.9402, 0.3402, 0.3066** is the 20% darker color. If you saturate the color by 10%, you get **57.0600, 0.3511, 0.3000**, and if you desaturate by 10%, it is **82.4952, 0.3219, 0.3208**.

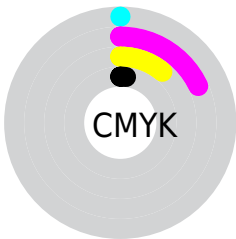
Distribution



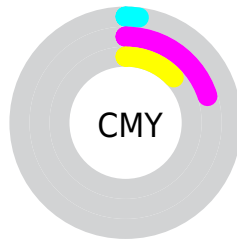
- Red (98%)
- Green (80%)
- Blue (87%)



- Red (98%)
- Yellow (80%)
- Blue (87%)



- Cyan (0%)
- Magenta (18%)
- Yellow (11%)
- Black (2%)




- Cyan (2%)
- Magenta (20%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.7837, 0.3351, 0.3106 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 68.7837, 0.3351, 0.3106 by changing the saturation by 10% instead.


 68.7837, 0.3351,
0.3106

 68.7837, 0.3351,
0.3106


456.2677, 0.3247,
0.3191

 50.5356, 0.3375,
0.3087


117.4726, 0.3315,
0.3136

 35.8391, 0.3405,
0.3063


148.6821, 0.3301,
0.3147

 24.3100, 0.3442,
0.3032


184.9809, 0.3289,
0.3157

 15.5637, 0.3492,
0.2992

226.7534, 0.3278,
0.3166

 9.2160, 0.3560,
0.2938

274.3839, 0.3269,
0.3173

 4.8823, 0.3660,
0.2860


328.2569, 0.3261,

 2.1784, 0.3818,


0.3180

0.2737


388.7567, 0.3253,
0.3186

 0.7082, 0.4125,
0.2488


 0.0000, 1.0000,
0.0000


 68.7837, 0.3351,
0.3106


 68.7837, 0.3351,
0.3106


 57.0600, 0.3511,
0.3000


 82.4952, 0.3219,
0.3208

 47.2221, 0.3704,
0.2894

 98.2721, 0.3111,
0.3305

 39.1727, 0.3934,
0.2794

 99.0704, 0.3097,
0.3290

 32.8023, 0.4200,
0.2710

■ 27.9888, 0.4497,
0.2655

■ 24.5938, 0.4813,
0.2641

■ 22.4537, 0.5128,
0.2678

■ 21.3390, 0.5418,
0.2767

■ 21.2067, 0.5462,
0.2782

Harmonies

Analogous

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



68.7837, 0.3115, 0.2962



68.7837, 0.3351, 0.3106



68.7837, 0.3530, 0.3297

Triad

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



68.7837, 0.3351, 0.3106



68.7837, 0.3358, 0.3710



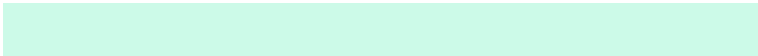
68.7837, 0.2679, 0.3059

Complementary

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



68.7837, 0.3351, 0.3106



87.0582, 0.2946, 0.3482

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.



68.7837, 0.2739, 0.3262



68.7837, 0.3351, 0.3106



68.7837, 0.3126, 0.3651

Square

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



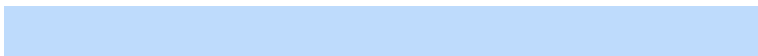
68.7837, 0.3351, 0.3106



68.7837, 0.3532, 0.3648



68.7837, 0.2900, 0.3483



68.7837, 0.2733, 0.2930

Rectangle

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



68.7837, 0.3351, 0.3106



68.7837, 0.3589, 0.3431



68.7837, 0.2900, 0.3483



68.7837, 0.2686, 0.3121

Sweetspot

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



68.7868, 0.3351, 0.3106



90.0378, 0.3191, 0.3232



67.1796, 0.3015, 0.2813



19.0499, 0.3199, 0.3226



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

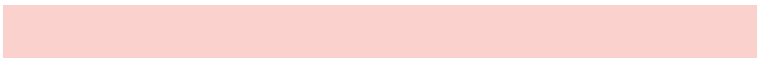
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.7868, 0.3351, 0.3106



67.2718, 0.3405, 0.3068



70.0941, 0.3479, 0.3339



17.3375, 0.3232, 0.3198



11.2714, 0.5419, 0.2759



1.0641, 0.5100, 0.2583

Inverse Universe

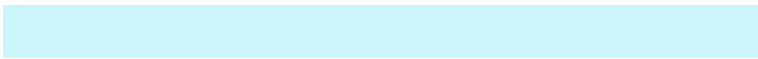
The Inverse Universe completely reimagines the original color for something new.



68.7868, 0.3351, 0.3106



67.2718, 0.3405, 0.3068



85.3068, 0.2847, 0.3241



17.3375, 0.3232, 0.3198



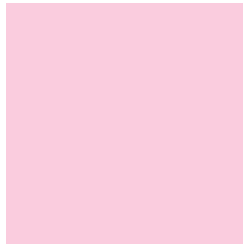
11.2714, 0.5419, 0.2759



1.0641, 0.5100, 0.2583

Previews

White Background



This preview shows how the Yxy color 68.7837, 0.3351, 0.3106 looks on a white background.

Color Contrast Check

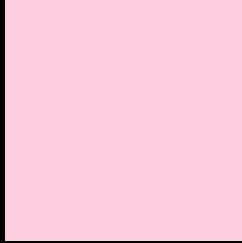
Large Text (above 18pt) WCAG AA × Fail

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 68.7837, 0.3351, 0.3106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

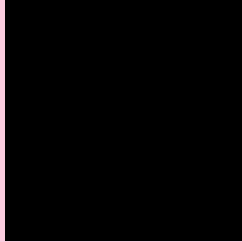
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.7837, 0.3351, 0.3106

Background



This preview shows how black text looks on a background with the Yxy color 68.7837, 0.3351, 0.3106.



This preview shows how white text looks on a background with the Yxy color 68.7837, 0.3351, 0.3106.

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

68.7837, 0.3351, 0.3106

Protanopia

69.0097, 0.3048, 0.3137

Deuteranopia

68.9758, 0.3237, 0.3174



Tritanopia

68.6770, 0.3366, 0.3126

Trichromacy



Original Color

68.7837, 0.3351, 0.3106

Protanomaly

68.7375, 0.3157, 0.3130

Deuteranomaly

68.8575, 0.3277, 0.3154

Tritanomaly

68.7302, 0.3358, 0.3116

Monochromacy



Original Color

68.7837, 0.3351, 0.3106

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.3025, 0.3204, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.7837, 0.3351, 0.3106 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(250, 204, 222)` looks like.

```
.text, #text, p{  
    color:rgb(250, 204, 222)  
}
```

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(250, 204, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 204, 222) }
```

Border

The CSS property to change the border of an element to Yxy 68.7837, 0.3351, 0.3106 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(250, 204, 222) }
```

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

```
.border{ border-color:rgb(250, 204, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 204, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 204, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 204, 222);  
box-shadow:4px 4px 4px 4px rgb(250, 204,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 68.7837, 0.3351, 0.3106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 204, 222) }
```

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

```
.background{ background-color: rgb(250,  
204, 222) }
```

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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