

Converting Colors

$Yxy(70.6824, 0.3321, 0.3091)$

Have a look what the booklet for
Yxy(70.6824, 0.3321, 0.3091)
contains.

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Color

Yxy(70.6809, 0.3318, 0.3087)

Conversions

Conversions Part 1

Format	Color
Hex	FBCFE3
RGB	251, 207, 227
RGB Percent	98%, 81%, 89%
CMY	0.0156, 0.1883, 0.1098
CMYK	0.00, 0.18, 0.10, 0.02
HSL	333°, 85%, 90%
HSV	333°, 18%, 98%
XYZ	75.9699, 70.6809, 82.3122
YIQ	222.4360, 19.8040, 15.5480

Conversions

Conversions Part 2

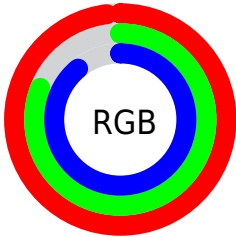
Format	Color
R_{YB}	251, 207, 227
Decimal	16502755
CIE _{Lab}	87.33, 18.63, -4.04
CIE _{LCh}	87, 19.067, 347.773
Yxy	70.6809, 0.3318, 0.3087
Android (android.graphics.Color)	4294692835 (0xFFFBCE3)
YUV	222.4360, 2.2501, 25.0506
Hunter-Lab	84.0719, 14.1721, 0.8014

Details

The Yxy color **70.6809, 0.3318, 0.3087** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.0498, 0.2970, 0.3502**, and the grayscale version is **73.3482, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2304, 0.3358, 0.3043** is the 20% darker color. If you saturate the color by 10%, you get **58.7459, 0.3459, 0.2964**, and if you desaturate by 10%, it is **84.6161, 0.3201, 0.3205**.

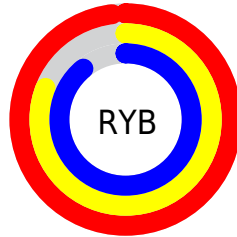
Distribution



Red (98%)

Green (81%)

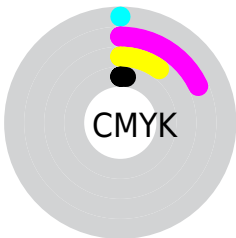
Blue (89%)



Red (98%)

Yellow (81%)

Blue (89%)

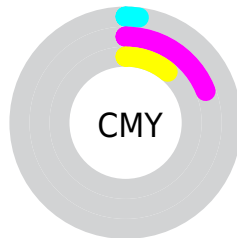


Cyan (0%)

Magenta (18%)

Yellow (10%)

Black (2%)



Cyan (2%)


Magenta (19%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.6809, 0.3318, 0.3087 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 70.6809, 0.3318, 0.3087 by changing the saturation by 10% instead.


 70.6809, 0.3318,
0.3087

 70.6809, 0.3318,
0.3087


462.9372, 0.3230,
0.3180

 52.0818, 0.3338,
0.3066

120.1793, 0.3287,
0.3119

 37.0703, 0.3363,
0.3040


151.8473, 0.3276,
0.3132

 25.2619, 0.3394,
0.3007


188.6405, 0.3265,
0.3142

 16.2723, 0.3435,
0.2965

230.9432, 0.3256,
0.3152

 9.7171, 0.3491,
0.2907

279.1399, 0.3249,
0.3160

 5.2118, 0.3572,
0.2825


333.6148, 0.3242,

 2.3720, 0.3698,


0.3168


0.2699

394.7524, 0.3235,
0.3174


 0.8114, 0.3927,
0.2474


 0.0000, 1.0000,
0.0000


 70.6809, 0.3318,
0.3087


 70.6809, 0.3318,
0.3087


 58.7459, 0.3459,
0.2964


 84.6161, 0.3201,
0.3205

 48.7090, 0.3628,
0.2841

 99.2165, 0.3106,
0.3296

 40.4735, 0.3827,
0.2725

 99.2552, 0.3103,
0.3290

 33.9301, 0.4058,
0.2624

■ 28.9576, 0.4315,
0.2551

■ 25.4186, 0.4590,
0.2519

■ 23.1513, 0.4869,
0.2539

■ 21.9433, 0.5133,
0.2613

■ 21.7313, 0.5196,
0.2636

Harmonies

Analogous

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



70.6809, 0.3084, 0.2954



70.6809, 0.3318, 0.3087



70.6809, 0.3505, 0.3271

Triad

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



70.6809, 0.3318, 0.3087



70.6809, 0.3381, 0.3700



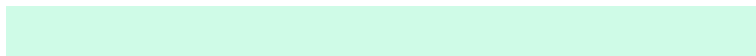
70.6809, 0.2688, 0.3087

Complementary

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



70.6809, 0.3318, 0.3087



88.0498, 0.2970, 0.3502

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.



70.6809, 0.2761, 0.3292



70.6809, 0.3318, 0.3087



70.6809, 0.3157, 0.3659

Square

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



70.6809, 0.3318, 0.3087



70.6809, 0.3541, 0.3626



70.6809, 0.2931, 0.3506



70.6809, 0.2726, 0.2948

Rectangle

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



70.6809, 0.3318, 0.3087



70.6809, 0.3574, 0.3403



70.6809, 0.2931, 0.3506



70.6809, 0.2700, 0.3150

Sweetspot

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



70.6840, 0.3318, 0.3087



91.6932, 0.3175, 0.3234



68.4924, 0.3000, 0.2834



19.3856, 0.3182, 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.



70.6840, 0.3318, 0.3087



68.7223, 0.3364, 0.3045



70.3572, 0.3464, 0.3306



17.3564, 0.3222, 0.3183



11.4481, 0.5156, 0.2614



1.0814, 0.4865, 0.2453

Inverse Universe

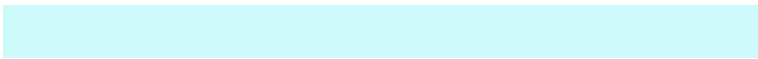
The Inverse Universe completely reimagines the original color for something new.



70.6840, 0.3318, 0.3087



68.7223, 0.3364, 0.3045



88.3322, 0.2861, 0.3274



17.3564, 0.3222, 0.3183



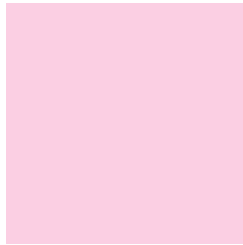
11.4481, 0.5156, 0.2614



1.0814, 0.4865, 0.2453

Previews

White Background



This preview shows how the Yxy color 70.6809, 0.3318, 0.3087 looks on a white background.

Color Contrast Check

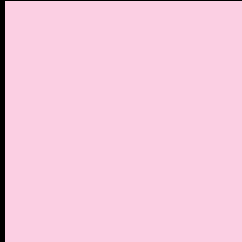
Large Text (above 18pt) WCAG AA × Fail

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 70.6809, 0.3318, 0.3087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

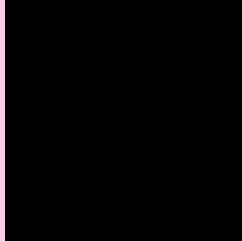
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.6809, 0.3318, 0.3087

Background



This preview shows how black text looks on a background with the Yxy color 70.6809, 0.3318, 0.3087.

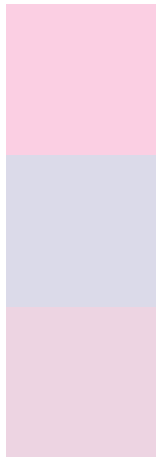


This preview shows how white text looks on a background with the Yxy color 70.6809, 0.3318, 0.3087.

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

70.6809, 0.3318, 0.3087

Protanopia

71.0861, 0.3036, 0.3128

Deuteranopia

70.5825, 0.3215, 0.3143



Tritanopia

71.0028, 0.3339, 0.3127

Trichromacy



Original Color

70.6809, 0.3318, 0.3087

Protanomaly

70.8516, 0.3136, 0.3110

Deuteranomaly

70.4614, 0.3254, 0.3124

Tritanomaly

71.0572, 0.3331, 0.3117

Monochromacy



Original Color

70.6809, 0.3318, 0.3087

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.3312, 0.3196, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.6809, 0.3318, 0.3087 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(251, 207, 227)` looks like.

```
.text, #text, p{  
    color:rgb(251, 207, 227)  
}
```

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(251, 207, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 207, 227) }
```

Border

The CSS property to change the border of an element to Yxy 70.6809, 0.3318, 0.3087 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(251, 207, 227) }
```

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

```
.border{ border-color:rgb(251, 207, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 207, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 207, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 207, 227); box-shadow:4px 4px 4px 4px rgb(251, 207, 227) }
```


Background

The CSS property to change the background color of an element to Yxy 70.6809, 0.3318, 0.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 207, 227) }
```

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

```
.background{ background-color: rgb(251,  
207, 227) }
```

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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