

Converting Colors

$Yxy(69.9075, 0.3391, 0.3198)$

Have a look what the booklet for
Yxy(69.9075, 0.3391, 0.3198)
contains.

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Color

Yxy(69.9075, 0.3391, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	FACFD8
RGB	250, 207, 216
RGB Percent	98%, 81%, 85%
CMY	0.0197, 0.1882, 0.1529
CMYK	0.00, 0.17, 0.14, 0.02
HSL	347°, 81%, 90%
HSV	347°, 17%, 98%
XYZ	74.1264, 69.9075, 74.5636
YIQ	220.8830, 22.7390, 11.9150

Conversions

Conversions Part 2

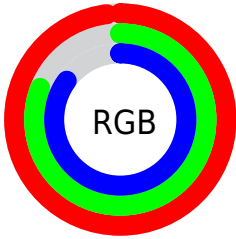
Format	Color
R _Y B	250, 207, 216
Decimal	16437208
CIE Lab	86.95, 16.48, 1.22
CIE LCh	87, 16.525, 4.220
Yxy	69.9075, 0.3391, 0.3198
Android (android.graphics.Color)	4294627288 (0xFFFA ^C FD8)
YUV	220.8830, -2.4073, 25.5356
Hunter-Lab	83.6107, 11.9333, 5.6530

Details

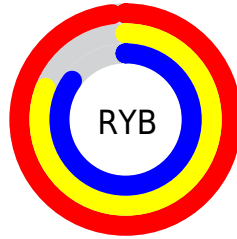
The Yxy color **69.9075, 0.3391, 0.3198** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.9717, 0.2916, 0.3384**, and the grayscale version is **72.2263, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.6931, 0.3456, 0.3185** is the 20% darker color. If you saturate the color by 10%, you get **57.7794, 0.3595, 0.3141**, and if you desaturate by 10%, it is **84.0822, 0.3226, 0.3253**.

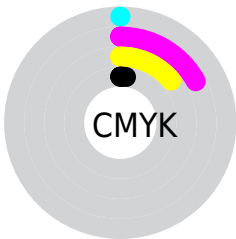
Distribution



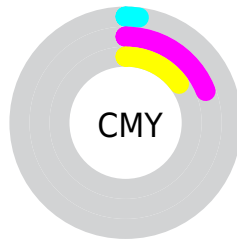
- Red (98%)
- Green (81%)
- Blue (85%)



- Red (98%)
- Yellow (81%)
- Blue (85%)



- Cyan (0%)
- Magenta (17%)
- Yellow (14%)
- Black (2%)



- Cyan (2%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.9075, 0.3391, 0.3198 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 69.9075, 0.3391, 0.3198 by changing the saturation by 10% instead.

 69.9075, 0.3391,
0.3198

 69.9075, 0.3391,
0.3198


460.2252, 0.3268,
0.3241

 51.4511, 0.3419,
0.3188

119.0768, 0.3348,
0.3213

 36.5678, 0.3455,
0.3175


150.5586, 0.3331,
0.3219

 24.8730, 0.3500,
0.3159


187.1509, 0.3317,
0.3224

 15.9825, 0.3559,
0.3138

229.2382, 0.3305,
0.3229

 9.5117, 0.3641,
0.3108

277.2049, 0.3294,
0.3232

 5.0765, 0.3761,
0.3064

331.4354, 0.3284,

 2.2922, 0.3954,

0.3236

0.2993

392.3140, 0.3275,
0.3239

0.7696, 0.4343,
0.2859

0.0000, 1.0000,
0.0000

69.9075, 0.3391,
0.3198

69.9075, 0.3391,
0.3198

57.7794, 0.3595,
0.3141

84.0822, 0.3226,
0.3253

47.5942, 0.3846,
0.3084

99.0592, 0.3096,
0.3290

39.2533, 0.4149,
0.3031

32.6455, 0.4504,
0.2989

■ 27.6476, 0.4902,
0.2969

■ 24.1203, 0.5317,
0.2978

■ 21.8999, 0.5704,
0.3025

■ 20.7769, 0.6016,
0.3105

■ 20.5707, 0.6088,
0.3128

Harmonies

Analogous

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



69.9075, 0.3203, 0.3053



69.9075, 0.3391, 0.3198



69.9075, 0.3508, 0.3370

Triad

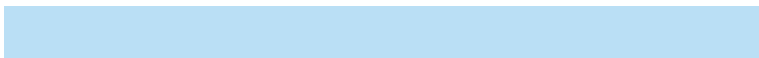
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.9075, 0.3391, 0.3198



69.9075, 0.3246, 0.3639



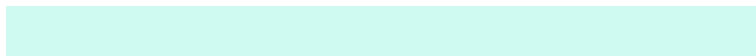
69.9075, 0.2750, 0.3038

Complementary

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



69.9075, 0.3391, 0.3198



87.9717, 0.2916, 0.3384

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.



69.9075, 0.2761, 0.3190



69.9075, 0.3391, 0.3198



69.9075, 0.3043, 0.3546

Square

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



69.9075, 0.3391, 0.3198



69.9075, 0.3421, 0.3629



69.9075, 0.2867, 0.3379



69.9075, 0.2836, 0.2959

Rectangle

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



69.9075, 0.3391, 0.3198



69.9075, 0.3528, 0.3479



69.9075, 0.2867, 0.3379



69.9075, 0.2742, 0.3082

Sweetspot

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



69.9106, 0.3391, 0.3198



91.5010, 0.3194, 0.3264



70.1752, 0.3080, 0.2854



19.3390, 0.3204, 0.3261



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

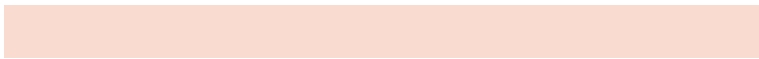
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.9106, 0.3391, 0.3198



68.0309, 0.3464, 0.3176



75.5852, 0.3437, 0.3416



17.2847, 0.3261, 0.3241



10.9306, 0.6052, 0.3108



1.0271, 0.5734, 0.2932

Inverse Universe

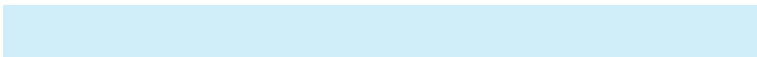
The Inverse Universe completely reimagines the original color for something new.



69.9106, 0.3391, 0.3198



68.0309, 0.3464, 0.3176



81.2019, 0.2861, 0.3161



17.2847, 0.3261, 0.3241



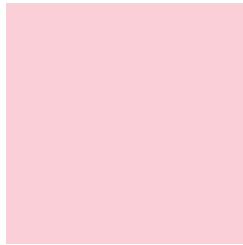
10.9306, 0.6052, 0.3108



1.0271, 0.5734, 0.2932

Previews

White Background



This preview shows how the Yxy color 69.9075, 0.3391, 0.3198 looks on a white background.

Color Contrast Check

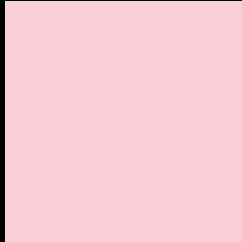
Large Text (above 18pt) WCAG AA × Fail

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 69.9075, 0.3391, 0.3198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

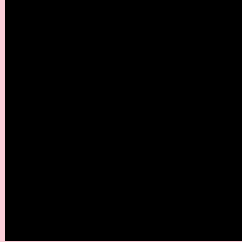
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.9075, 0.3391, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 69.9075, 0.3391, 0.3198.

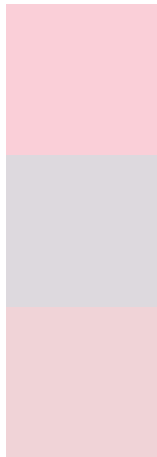


This preview shows how white text looks on a background with the Yxy color 69.9075, 0.3391, 0.3198.

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

69.9075, 0.3391, 0.3198

Protanopia

70.2718, 0.3123, 0.3236

Deuteranopia

70.0201, 0.3317, 0.3248



Tritanopia

69.9258, 0.3356, 0.3127

Trichromacy



Original Color

69.9075, 0.3391, 0.3198

Protanomaly

69.9116, 0.3219, 0.3216

Deuteranomaly

70.2326, 0.3349, 0.3238

Tritanomaly

69.8192, 0.3371, 0.3147

Monochromacy



Original Color

69.9075, 0.3391, 0.3198

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.3820, 0.3224, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9075, 0.3391, 0.3198 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, 207, 216)` looks like.

```
.text, #text, p{  
    color:rgb(250, 207, 216)  
}
```

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, 207, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 207, 216) }
```

Border

The CSS property to change the border of an element to Yxy 69.9075, 0.3391, 0.3198 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, 207, 216) }
```

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

```
.border{ border-color:rgb(250, 207, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 207, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 207, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 207, 216);  
box-shadow:4px 4px 4px 4px rgb(250, 207,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9075, 0.3391, 0.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 207, 216) }
```

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

```
.background{ background-color: rgb(250,  
207, 216) }
```

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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