

Converting Colors

Yxy(68.9626, 0.3380, 0.3148)

Have a look what the booklet for
Yxy(68.9626, 0.3380, 0.3148)
contains.

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Color

Yxy(69.0486, 0.3379, 0.3157)

Conversions

Conversions Part 1

Format	Color
Hex	FACDDA
RGB	250, 205, 218
RGB Percent	98%, 80%, 85%
CMY	0.0197, 0.1960, 0.1451
CMYK	0.00, 0.18, 0.13, 0.02
HSL	343°, 82%, 89%
HSV	343°, 18%, 98%
XYZ	73.9041, 69.0486, 75.7632
YIQ	219.9370, 22.6470, 13.5830

Conversions

Conversions Part 2

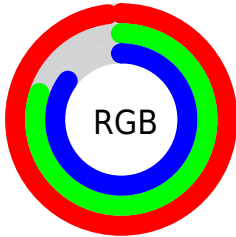
Format	Color
R _Y B	250, 205, 218
Decimal	16436698
CIE Lab	86.53, 17.84, -0.45
CIE LCh	87, 17.851, 358.542
Yxy	69.0486, 0.3379, 0.3157
Android (android.graphics.Color)	4294626778 (0xFF FACDDA)
YUV	219.9370, -0.9549, 26.3653
Hunter-Lab	83.0955, 13.3386, 4.1086

Details

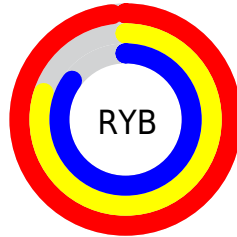
The Yxy color **69.0486, 0.3379, 0.3157** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.4515, 0.2925, 0.3427**, and the grayscale version is **71.5196, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.1150, 0.3440, 0.3132** is the 20% darker color. If you saturate the color by 10%, you get **57.1500, 0.3565, 0.3078**, and if you desaturate by 10%, it is **82.9638, 0.3227, 0.3233**.

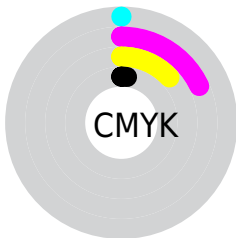
Distribution



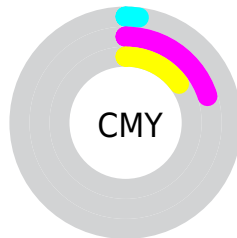
- Red (98%)
- Green (80%)
- Blue (85%)



- Red (98%)
- Yellow (80%)
- Blue (85%)



- Cyan (0%)
- Magenta (18%)
- Yellow (13%)
- Black (2%)





- Cyan (2%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.0486, 0.3379, 0.3157 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 69.0486, 0.3379, 0.3157 by changing the saturation by 10% instead.


 69.0486, 0.3379,
0.3157

 69.0486, 0.3379,
0.3157

457.2024, 0.3261,
0.3219

 50.7513, 0.3406,
0.3143


117.8510, 0.3338,
0.3179

 36.0107, 0.3440,
0.3125


149.1249, 0.3322,
0.3187

 24.4425, 0.3483,
0.3102


185.4930, 0.3308,
0.3194

 15.6622, 0.3540,
0.3072

227.3399, 0.3297,
0.3201

 9.2854, 0.3618,
0.3032

275.0499, 0.3286,
0.3206

 4.9278, 0.3732,
0.2972

329.0074, 0.3277,

 2.2050, 0.3916,

0.3211

0.2876

389.5967, 0.3269,
0.3215

0.7227, 0.4283,
0.2680

0.0000, 1.0000,
0.0000

69.0486, 0.3379,
0.3157

69.0486, 0.3379,
0.3157

57.1500, 0.3565,
0.3078

82.9638, 0.3227,
0.3233

47.1650, 0.3792,
0.2999

98.9669, 0.3104,
0.3304

38.9955, 0.4064,
0.2926

99.0596, 0.3096,
0.3290

32.5311, 0.4382,
0.2867

■ 27.6491, 0.4739,
0.2832

■ 24.2100, 0.5114,
0.2835

■ 22.0501, 0.5477,
0.2884

■ 20.9477, 0.5790,
0.2975

■ 20.7902, 0.5847,
0.2995

Harmonies

Analogous

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



69.0486, 0.3167, 0.3010



69.0486, 0.3379, 0.3157



69.0486, 0.3525, 0.3340

Triad

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



69.0486, 0.3379, 0.3157



69.0486, 0.3295, 0.3676



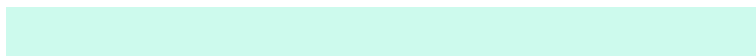
69.0486, 0.2713, 0.3043

Complementary

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



69.0486, 0.3379, 0.3157



87.4515, 0.2925, 0.3427

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.



69.0486, 0.2745, 0.3219



69.0486, 0.3379, 0.3157



69.0486, 0.3076, 0.3596

Square

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



69.0486, 0.3379, 0.3157



69.0486, 0.3474, 0.3643



69.0486, 0.2876, 0.3424



69.0486, 0.2786, 0.2941

Rectangle

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



69.0486, 0.3379, 0.3157



69.0486, 0.3561, 0.3462



69.0486, 0.2876, 0.3424



69.0486, 0.2712, 0.3095

Sweetspot

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



69.0517, 0.3379, 0.3157



91.5629, 0.3188, 0.3255



68.4871, 0.3050, 0.2829



19.3540, 0.3197, 0.3250



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

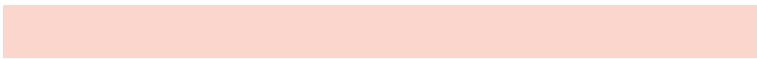
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.0517, 0.3379, 0.3157



66.9725, 0.3450, 0.3125



72.8251, 0.3461, 0.3384



17.3077, 0.3248, 0.3222



11.0516, 0.5805, 0.2972



1.0411, 0.5469, 0.2786

Inverse Universe

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



69.0517, 0.3379, 0.3157



66.9725, 0.3450, 0.3125



82.7831, 0.2851, 0.3194



17.3077, 0.3248, 0.3222



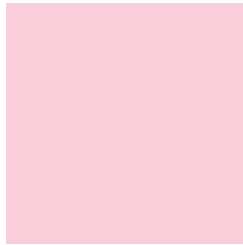
11.0516, 0.5805, 0.2972



1.0411, 0.5469, 0.2786

Previews

White Background



This preview shows how the Yxy color 69.0486, 0.3379, 0.3157 looks on a white background.

Color Contrast Check

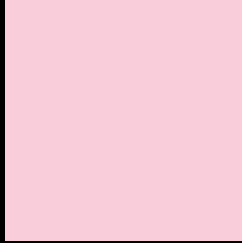
Large Text (above 18pt) WCAG AA × Fail

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 69.0486, 0.3379, 0.3157 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 69.0486, 0.3379, 0.3157

Background



This preview shows how black text looks on a background with the Yxy color 69.0486, 0.3379, 0.3157.

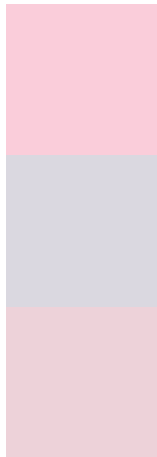


This preview shows how white text looks on a background with the Yxy color 69.0486, 0.3379, 0.3157.

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

69.0486, 0.3379, 0.3157

Protanopia

69.3990, 0.3088, 0.3202

Deuteranopia

69.1075, 0.3281, 0.3216



Tritanopia

69.2071, 0.3357, 0.3126

Trichromacy



Original Color

69.0486, 0.3379, 0.3157

Protanomaly

69.1839, 0.3191, 0.3183

Deuteranomaly

68.9987, 0.3321, 0.3196

Tritanomaly

69.1539, 0.3364, 0.3137

Monochromacy



Original Color

69.0486, 0.3379, 0.3157

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.7043, 0.3217, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0486, 0.3379, 0.3157 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, 205, 218)` looks like.

```
.text, #text, p{  
    color:rgb(250, 205, 218)  
}
```

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, 205, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 205, 218) }
```

Border

The CSS property to change the border of an element to Yxy 69.0486, 0.3379, 0.3157 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, 205, 218) }
```

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

```
.border{ border-color:rgb(250, 205, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 205, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 205, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 205, 218);  
box-shadow:4px 4px 4px 4px rgb(250, 205,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0486, 0.3379, 0.3157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 205, 218) }
```

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

```
.background{ background-color: rgb(250,  
205, 218) }
```

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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