

Converting Colors

$Y_{xy}(70.1254, 0.3385, 0.3196)$

Have a look what the booklet for
Yxy(70.1254, 0.3385, 0.3196)
contains.

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Color

Yxy(69.9594, 0.3384, 0.3188)

Conversions

Conversions Part 1

Format	Color
Hex	FACFD9
RGB	250, 207, 217
RGB Percent	98%, 81%, 85%
CMY	0.0196, 0.1882, 0.1491
CMYK	0.00, 0.17, 0.13, 0.02
HSL	346°, 81%, 90%
HSV	346°, 17%, 98%
XYZ	74.2605, 69.9594, 75.2261
YIQ	220.9970, 22.4180, 12.2260

Conversions

Conversions Part 2

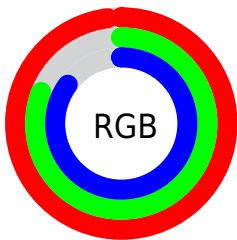
Format	Color
R _Y B	250, 207, 217
Decimal	16437209
CIE Lab	86.98, 16.65, 0.74
CIE LCh	87, 16.665, 2.543
Yxy	69.9594, 0.3384, 0.3188
Android (android.graphics.Color)	4294627289 (0xFF FACFD9)
YUV	220.9970, -1.9705, 25.4356
Hunter-Lab	83.6417, 12.1065, 5.2247

Details

The Yxy color **69.9594, 0.3384, 0.3188** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.9316, 0.2921, 0.3395**, and the grayscale version is **72.3081, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.7286, 0.3446, 0.3172** is the 20% darker color. If you saturate the color by 10%, you get **57.8506, 0.3582, 0.3125**, and if you desaturate by 10%, it is **84.1085, 0.3223, 0.3249**.

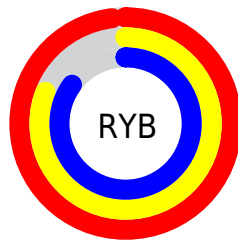
Distribution



Red (98%)

Green (81%)

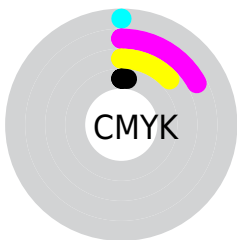
Blue (85%)



Red (98%)

Yellow (81%)

Blue (85%)

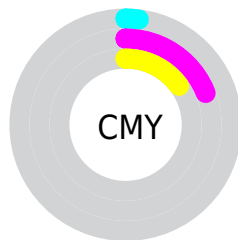


Cyan (0%)

Magenta (17%)

Yellow (13%)

Black (2%)



Cyan (2%)


Magenta (19%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.9594, 0.3384, 0.3188 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 69.9594, 0.3384, 0.3188 by changing the saturation by 10% instead.


 69.9594, 0.3384,
0.3188

 69.9594, 0.3384,
0.3188


460.4074, 0.3264,
0.3236

 51.4934, 0.3412,
0.3177

119.1509, 0.3342,
0.3205

 36.6015, 0.3446,
0.3163


150.6451, 0.3326,
0.3211

 24.8991, 0.3490,
0.3145


187.2510, 0.3312,
0.3217

 16.0019, 0.3548,
0.3122

229.3528, 0.3300,
0.3222

 9.5255, 0.3627,
0.3090

277.3349, 0.3289,
0.3226

 5.0855, 0.3743,
0.3042

331.5818, 0.3280,

 2.2975, 0.3930,

0.3230

0.2966

392.4779, 0.3272,
0.3233

0.7724, 0.4298,
0.2820

0.0000, 1.0000,
0.0000

69.9594, 0.3384,
0.3188

69.9594, 0.3384,
0.3188

57.8506, 0.3582,
0.3125

84.1085, 0.3223,
0.3249

47.6788, 0.3825,
0.3061

99.0644, 0.3096,
0.3290

39.3457, 0.4118,
0.3002

32.7405, 0.4462,
0.2956

■ 27.7405, 0.4848,
0.2930

■ 24.2067, 0.5252,
0.2938

■ 21.9763, 0.5635,
0.2985

■ 20.8400, 0.5951,
0.3069

■ 20.6303, 0.6026,
0.3093

Harmonies

Analogous

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



69.9594, 0.3192, 0.3044



69.9594, 0.3384, 0.3188



69.9594, 0.3507, 0.3361

Triad

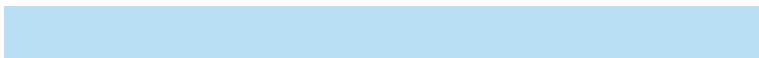
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.9594, 0.3384, 0.3188



69.9594, 0.3258, 0.3644



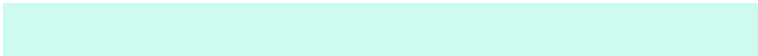
69.9594, 0.2745, 0.3043

Complementary

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



69.9594, 0.3384, 0.3188



87.9316, 0.2921, 0.3395

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.



69.9594, 0.2762, 0.3200



69.9594, 0.3384, 0.3188



69.9594, 0.3053, 0.3556

Square

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



69.9594, 0.3384, 0.3188



69.9594, 0.3431, 0.3628



69.9594, 0.2873, 0.3390



69.9594, 0.2826, 0.2959

Rectangle

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



69.9594, 0.3384, 0.3188



69.9594, 0.3531, 0.3472



69.9594, 0.2873, 0.3390



69.9594, 0.2739, 0.3089

Sweetspot

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



69.9625, 0.3384, 0.3188



91.5186, 0.3192, 0.3262



70.0513, 0.3075, 0.2853



19.3433, 0.3202, 0.3257



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

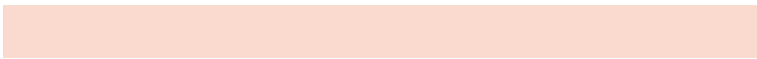
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.9625, 0.3384, 0.3188



68.0924, 0.3455, 0.3164



75.2179, 0.3439, 0.3409



17.2912, 0.3257, 0.3235



10.9609, 0.5988, 0.3072



1.0307, 0.5661, 0.2892

Inverse Universe

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



69.9625, 0.3384, 0.3188



68.0924, 0.3455, 0.3164



81.6308, 0.2861, 0.3168



17.2912, 0.3257, 0.3235



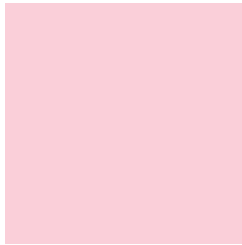
10.9609, 0.5988, 0.3072



1.0307, 0.5661, 0.2892

Previews

White Background



This preview shows how the Yxy color 69.9594, 0.3384, 0.3188 looks on a white background.

Color Contrast Check

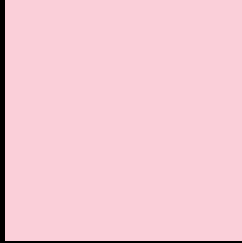
Large Text (above 18pt) WCAG AA × Fail

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 69.9594, 0.3384, 0.3188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

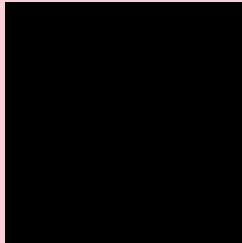
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.9594, 0.3384, 0.3188

Background



This preview shows how black text looks on a background with the Yxy color 69.9594, 0.3384, 0.3188.

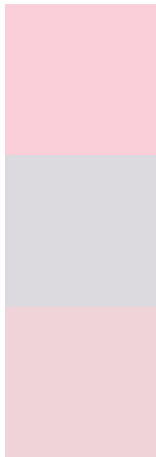


This preview shows how white text looks on a background with the Yxy color 69.9594, 0.3384, 0.3188.

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

69.9594, 0.3384, 0.3188

Protanopia

70.1691, 0.3109, 0.3225

Deuteranopia

70.0717, 0.3310, 0.3238



Tritanopia

69.9258, 0.3356, 0.3127

Trichromacy



Original Color

69.9594, 0.3384, 0.3188

Protanomaly

69.7979, 0.3205, 0.3205

Deuteranomaly

70.2842, 0.3341, 0.3228

Tritanomaly

69.8192, 0.3371, 0.3147

Monochromacy



Original Color

69.9594, 0.3384, 0.3188

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.4348, 0.3217, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9594, 0.3384, 0.3188 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(250, 207, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 207, 217) }
```

Border

The CSS property to change the border of an element to Yxy 69.9594, 0.3384, 0.3188 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, 217) }
```

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

```
.border{ border-color:rgb(250, 207, 217) }
```

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, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 207, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 207, 217);  
box-shadow:4px 4px 4px 4px rgb(250, 207,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9594, 0.3384, 0.3188 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, 217) }
```

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

```
.background{ background-color: rgb(250,  
207, 217) }
```

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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