

Converting Colors

Yxy(69.1632, 0.3313, 0.3138)

Have a look what the booklet for
Yxy(69.1632, 0.3313, 0.3138)
contains.

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Color

Yxy(69.2586, 0.3316, 0.3145)

Conversions

Conversions Part 1

Format	Color
Hex	F5CFDD
RGB	245, 207, 221
RGB Percent	96%, 81%, 87%
CMY	0.0392, 0.1882, 0.1333
CMYK	0.00, 0.16, 0.10, 0.04
HSL	338°, 66%, 89%
HSV	338°, 16%, 96%
XYZ	73.0243, 69.2586, 77.9352
YIQ	219.9580, 18.1540, 12.4100

Conversions

Conversions Part 2

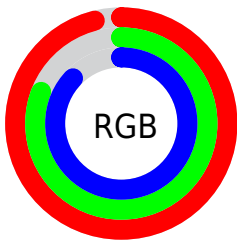
Format	Color
R _Y B	245, 207, 221
Decimal	16109533
CIE Lab	86.63, 15.57, -1.95
CIE LCh	87, 15.688, 352.849
Yxy	69.2586, 0.3316, 0.3145
Android (android.graphics.Color)	4294299613 (0xFFF5CFDD)
YUV	219.9580, 0.5137, 21.9618
Hunter-Lab	83.2218, 10.9898, 2.7315

Details

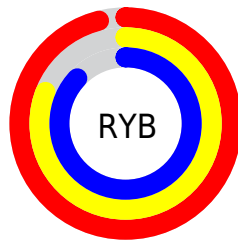
The Yxy color **69.2586, 0.3316, 0.3145** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.3468, 0.2969, 0.3440**, and the grayscale version is **71.5293, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.2270, 0.3356, 0.3116** is the 20% darker color. If you saturate the color by 10%, you get **57.5096, 0.3473, 0.3046**, and if you desaturate by 10%, it is **82.9318, 0.3188, 0.3240**.

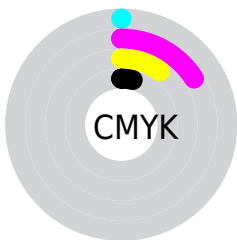
Distribution



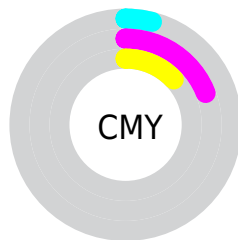
- Red (96%)
- Green (81%)
- Blue (87%)



- Red (96%)
- Yellow (81%)
- Blue (87%)



- Cyan (0%)
- Magenta (16%)
- Yellow (10%)
- Black (4%)





- Cyan (4%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.2586, 0.3316, 0.3145 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 69.2586, 0.3316, 0.3145 by changing the saturation by 10% instead.

 69.2586, 0.3316,
0.3145

 69.2586, 0.3316,
0.3145

457.9425, 0.3228,
0.3212

 50.9223, 0.3336,
0.3130

118.1509, 0.3285,
0.3168

 36.1468, 0.3361,
0.3111


149.4756, 0.3274,
0.3177

 24.5476, 0.3393,
0.3086


185.8987, 0.3263,
0.3185

 15.7403, 0.3435,
0.3055

227.8045, 0.3254,
0.3192

 9.3406, 0.3493,
0.3012

275.5774, 0.3247,
0.3198

 4.9640, 0.3577,
0.2949

329.6018, 0.3240,

 2.2262, 0.3712,

0.3203

0.2850

390.2620, 0.3234,
0.3208

0.7342, 0.3972,
0.2650

0.0000, 1.0000,
0.0000

69.2586, 0.3316,
0.3145

69.2586, 0.3316,
0.3145

57.5096, 0.3473,
0.3046

82.9318, 0.3188,
0.3240

47.5888, 0.3663,
0.2945

97.9597, 0.3083,
0.3319

39.4059, 0.3890,
0.2848

98.1546, 0.3066,
0.3290

32.8591, 0.4156,
0.2764

■ 27.8360, 0.4457,
0.2705

■ 24.2096, 0.4783,
0.2681

■ 21.8322, 0.5113,
0.2707

■ 20.5218, 0.5420,
0.2784

■ 20.1584, 0.5548,
0.2830

Harmonies

Analogous

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



69.2586, 0.3125, 0.3024



69.2586, 0.3316, 0.3145



69.2586, 0.3458, 0.3304

Triad

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



69.2586, 0.3316, 0.3145



69.2586, 0.3310, 0.3630



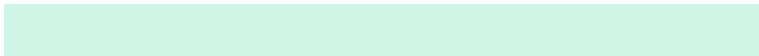
69.2586, 0.2760, 0.3099

Complementary

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



69.2586, 0.3316, 0.3145



84.3468, 0.2969, 0.3440

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.



69.2586, 0.2806, 0.3262



69.2586, 0.3316, 0.3145



69.2586, 0.3120, 0.3577

Square

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



69.2586, 0.3316, 0.3145



69.2586, 0.3453, 0.3585



69.2586, 0.2937, 0.3440



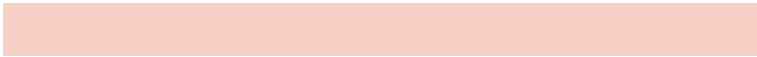
69.2586, 0.2808, 0.2994

Rectangle

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



69.2586, 0.3316, 0.3145



69.2586, 0.3503, 0.3413



69.2586, 0.2937, 0.3440



69.2586, 0.2765, 0.3148

Sweetspot

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



69.2617, 0.3316, 0.3145



91.6255, 0.3182, 0.3245



68.1152, 0.3040, 0.2893



19.3692, 0.3190, 0.3238



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.



69.2617, 0.3316, 0.3145



71.0721, 0.3368, 0.3110



70.7246, 0.3413, 0.3337



16.5835, 0.3236, 0.3203



10.8830, 0.5505, 0.2807



0.9756, 0.5163, 0.2618

Inverse Universe

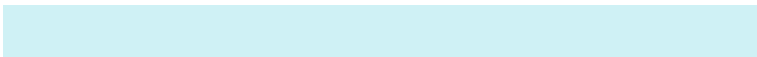
The Inverse Universe completely reimagines the original color for something new.



69.2617, 0.3316, 0.3145



71.0721, 0.3368, 0.3110



82.5193, 0.2890, 0.3242



16.5835, 0.3236, 0.3203



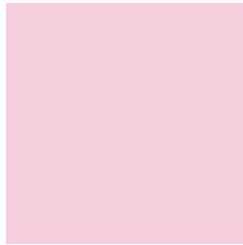
10.8830, 0.5505, 0.2807



0.9756, 0.5163, 0.2618

Previews

White Background



This preview shows how the Yxy color 69.2586, 0.3316, 0.3145 looks on a white background.

Color Contrast Check

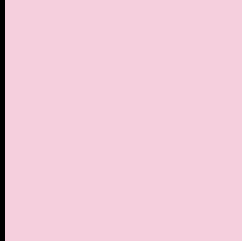
Large Text (above 18pt) WCAG AA × Fail

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 69.2586, 0.3316, 0.3145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

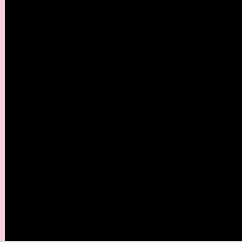
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.2586, 0.3316, 0.3145

Background



This preview shows how black text looks on a background with the Yxy color 69.2586, 0.3316, 0.3145.



This preview shows how white text looks on a background with the Yxy color 69.2586, 0.3316, 0.3145.

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

69.2586, 0.3316, 0.3145

Protanopia

69.5081, 0.3075, 0.3181

Deuteranopia

69.0934, 0.3252, 0.3184



Tritanopia

69.3658, 0.3301, 0.3125

Trichromacy



Original Color

69.2586, 0.3316, 0.3145

Protanomaly

69.4643, 0.3162, 0.3172

Deuteranomaly

69.1190, 0.3275, 0.3175

Tritanomaly

69.3121, 0.3309, 0.3135

Monochromacy



Original Color

69.2586, 0.3316, 0.3145

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.4262, 0.3195, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2586, 0.3316, 0.3145 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(245, 207, 221)` looks like.

```
.text, #text, p{  
    color:rgb(245, 207, 221)  
}
```

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(245, 207, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 207, 221) }
```

Border

The CSS property to change the border of an element to Yxy 69.2586, 0.3316, 0.3145 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(245, 207, 221) }
```

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

```
.border{ border-color:rgb(245, 207, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 207, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 207, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 207, 221);  
box-shadow:4px 4px 4px 4px rgb(245, 207,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2586, 0.3316, 0.3145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 207, 221) }
```

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

```
.background{ background-color: rgb(245,  
207, 221) }
```

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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