

Converting Colors

Yxy(69.4318, 0.3201, 0.2983)

Have a look what the booklet for
Yxy(69.4318, 0.3201, 0.2983)
contains.

Yxy(69.4318, 0.3201, 0.2983)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(69.4318, 0.3201, 0.2983)

Conversions

Conversions Part 1

Format	Color
Hex	F4CEEC
RGB	244, 206, 236
RGB Percent	96%, 81%, 93%
CMY	0.0433, 0.1921, 0.0746
CMYK	0.00, 0.16, 0.03, 0.04
HSL	313°, 63%, 88%
HSV	313°, 16%, 96%
XYZ	74.5059, 69.4318, 88.8206
YIQ	220.7820, 13.0180, 17.3860

Conversions

Conversions Part 2

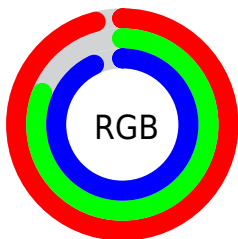
Format	Color
RYB	244, 206, 236
Decimal	16043756
CIELab	86.72, 18.27, -9.77
CIELCh	87, 20.724, 331.858
Yxy	69.4318, 0.3201, 0.2983
Android (android.graphics.Color)	4294233836 (0xFFFF4CEEC)
YUV	220.7820, 7.5025, 20.3622
Hunter-Lab	83.3257, 13.7862, -4.8718

Details

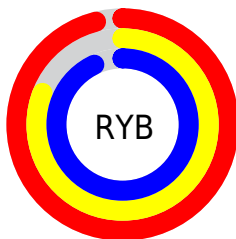
The Yxy color **69.4318, 0.3201, 0.2983** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **82.6537, 0.3061, 0.3618**, and the grayscale version is **72.0838, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.4431, 0.3223, 0.2921** is the 20% darker color. If you saturate the color by 10%, you get **58.2910, 0.3258, 0.2779**, and if you desaturate by 10%, it is **82.4102, 0.3152, 0.3183**.

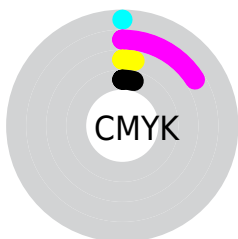
Distribution



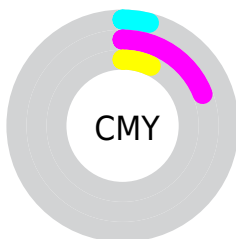
- Red (96%)
- Green (81%)
- Blue (93%)



- Red (96%)
- Yellow (81%)
- Blue (93%)



- Cyan (0%)
- Magenta (16%)
- Yellow (3%)
- Black (4%)





- Cyan (4%)
- Magenta (19%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.4318, 0.3201, 0.2983 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 69.4318, 0.3201, 0.2983 by changing the saturation by 10% instead.


 69.4318, 0.3201,
0.2983

 69.4318, 0.3201,
0.2983

458.5524, 0.3168,
0.3123

 51.0634, 0.3208,
0.2952


118.3981, 0.3190,
0.3031

 36.2591, 0.3217,
0.2913


149.7648, 0.3186,
0.3050

 24.6344, 0.3228,
0.2865


186.2332, 0.3182,
0.3066

 15.8049, 0.3241,
0.2803

228.1875, 0.3178,
0.3080

 9.3862, 0.3259,
0.2719

276.0122, 0.3175,
0.3093

 4.9939, 0.3284,
0.2601

330.0916, 0.3173,

 2.2437, 0.3318,

0.3104

0.2422

390.8102, 0.3170,
0.3114

0.7437, 0.3377,
0.2105

0.0000, 0.2593,
0.0000

69.4318, 0.3201,
0.2983

69.4318, 0.3201,
0.2983

58.2910, 0.3258,
0.2779

82.4102, 0.3152,
0.3183

48.8947, 0.3323,
0.2575

97.2956, 0.3109,
0.3374

41.1557, 0.3394,
0.2382

97.7326, 0.3080,
0.3325

34.9752, 0.3472,
0.2207

97.9649, 0.3059,
0.3290

■ 30.2443, 0.3555,
0.2062

■ 26.8397, 0.3639,
0.1956

■ 24.6177, 0.3722,
0.1895

■ 23.4008, 0.3802,
0.1882

■ 23.0622, 0.3836,
0.1887

Harmonies

Analogous

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



69.4318, 0.2948, 0.2882



69.4318, 0.3201, 0.2983



69.4318, 0.3443, 0.3158

Triad

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



69.4318, 0.3201, 0.2983



69.4318, 0.3510, 0.3709



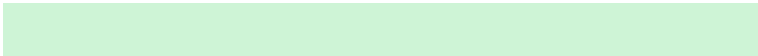
69.4318, 0.2676, 0.3180

Complementary

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



69.4318, 0.3201, 0.2983



82.6537, 0.3061, 0.3618

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.



69.4318, 0.2815, 0.3419



69.4318, 0.3201, 0.2983



69.4318, 0.3294, 0.3735

Square

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



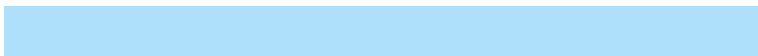
69.4318, 0.3201, 0.2983



69.4318, 0.3624, 0.3571



69.4318, 0.3039, 0.3629



69.4318, 0.2653, 0.2984

Rectangle

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



69.4318, 0.3201, 0.2983



69.4318, 0.3561, 0.3298



69.4318, 0.3039, 0.3629



69.4318, 0.2710, 0.3258

Sweetspot

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



69.4348, 0.3201, 0.2983



91.9619, 0.3149, 0.3193



64.9211, 0.2927, 0.2878



19.4510, 0.3152, 0.3180



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.



69.4348, 0.3201, 0.2983



72.2497, 0.3220, 0.2912



68.4103, 0.3336, 0.3172



16.7052, 0.3170, 0.3105



12.5660, 0.3824, 0.1880



1.1190, 0.3732, 0.1830

Inverse Universe

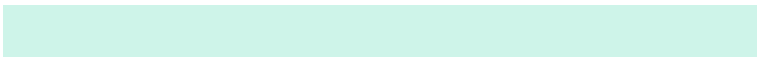
The Inverse Universe completely reimagines the original color for something new.



69.4348, 0.3201, 0.2983



72.2497, 0.3220, 0.2912



83.6580, 0.2954, 0.3412



16.7052, 0.3170, 0.3105



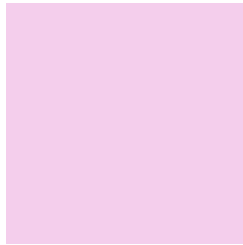
12.5660, 0.3824, 0.1880



1.1190, 0.3732, 0.1830

Previews

White Background



This preview shows how the Yxy color 69.4318, 0.3201, 0.2983 looks on a white background.

Color Contrast Check

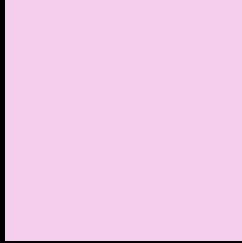
Large Text (above 18pt) WCAG AA × Fail

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 69.4318, 0.3201, 0.2983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

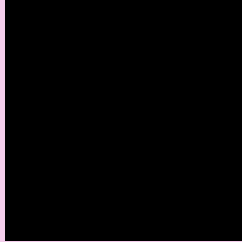
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.4318, 0.3201, 0.2983

Background



This preview shows how black text looks on a background with the Yxy color 69.4318, 0.3201, 0.2983.



This preview shows how white text looks on a background with the Yxy color 69.4318, 0.3201, 0.2983.

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

69.4318, 0.3201, 0.2983

Protanopia

69.8187, 0.2944, 0.3009

Deuteranopia

69.4097, 0.3103, 0.3036



Tritanopia

69.3708, 0.3270, 0.3124

Trichromacy



Original Color

69.4318, 0.3201, 0.2983

Protanomaly

69.3858, 0.3033, 0.2993

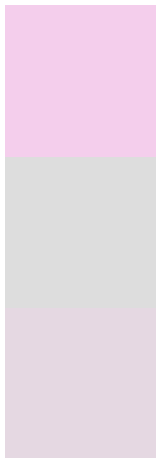
Deuteranomaly

69.2613, 0.3140, 0.3018

Tritanomaly

69.2818, 0.3250, 0.3073

Monochromacy



Original Color

69.4318, 0.3201, 0.2983

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.2607, 0.3154, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4318, 0.3201, 0.2983 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(244, 206, 236)` looks like.

```
.text, #text, p{  
    color:rgb(244, 206, 236)  
}
```

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(244, 206, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 206, 236) }
```

Border

The CSS property to change the border of an element to Yxy 69.4318, 0.3201, 0.2983 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(244, 206, 236) }
```

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

```
.border{ border-color:rgb(244, 206, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 206, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 206, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 206, 236);  
box-shadow:4px 4px 4px 4px rgb(244, 206,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4318, 0.3201, 0.2983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 206, 236) }
```

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

```
.background{ background-color: rgb(244,  
206, 236) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor