

Converting Colors

$Y_{xy}(65.0144, 0.3244, 0.2944)$

Have a look what the booklet for
Yxy(65.0144, 0.3244, 0.2944)
contains.

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Color

Yxy(64.9351, 0.3244, 0.2938)

Conversions

Conversions Part 1

Format	Color
Hex	F4C5E7
RGB	244, 197, 231
RGB Percent	96%, 77%, 91%
CMY	0.0432, 0.2274, 0.0940
CMYK	0.00, 0.19, 0.05, 0.04
HSL	317°, 68%, 86%
HSV	317°, 19%, 96%
XYZ	71.6983, 64.9351, 84.3847
YIQ	214.9290, 17.0980, 20.5380

Conversions

Conversions Part 2

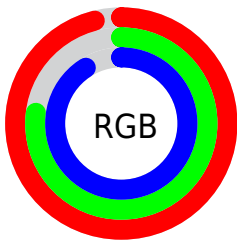
Format	Color
RYB	244, 197, 231
Decimal	16041447
CIELab	84.45, 22.18, -10.52
CIELCh	84, 24.548, 334.627
Yxy	64.9351, 0.3244, 0.2938
Android (android.graphics.Color)	4294231527 (0xFFFF4C5E7)
YUV	214.9290, 7.9230, 25.4953
Hunter-Lab	80.5823, 17.8016, -5.6800

Details

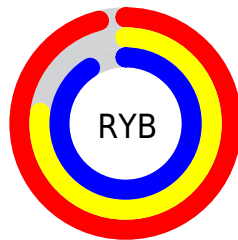
The Yxy color **64.9351, 0.3244, 0.2938** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **81.2140, 0.3028, 0.3670**, and the grayscale version is **67.8433, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **33.3049, 0.3271, 0.2863** is the 20% darker color. If you saturate the color by 10%, you get **54.3667, 0.3320, 0.2748**, and if you desaturate by 10%, it is **77.3169, 0.3179, 0.3124**.

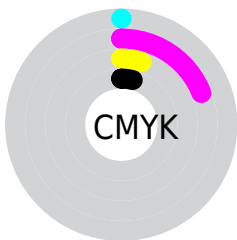
Distribution



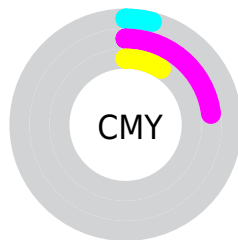
- Red (96%)
- Green (77%)
- Blue (91%)



- Red (96%)
- Yellow (77%)
- Blue (91%)



- Cyan (0%)
- Magenta (19%)
- Yellow (5%)
- Black (4%)





- Cyan (4%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.9351, 0.3244, 0.2938 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 64.9351, 0.3244, 0.2938 by changing the saturation by 10% instead.


 64.9351, 0.3244,
0.2938

 64.9351, 0.3244,
0.2938


442.5587, 0.3191,
0.3099

 47.4085, 0.3256,
0.2902


111.9565, 0.3226,
0.2994

 33.3587, 0.3270,
0.2857


142.2201, 0.3219,
0.3015

 22.4014, 0.3288,
0.2800


177.4982, 0.3213,
0.3034

 14.1521, 0.3312,
0.2727

218.1750, 0.3207,
0.3051

 8.2265, 0.3342,
0.2628

264.6351, 0.3203,
0.3065

 4.2402, 0.3386,
0.2487


317.2628, 0.3198,

 1.8088, 0.3450,


0.3078


0.2272


376.4426, 0.3195,
0.3089


 0.4927, 0.3622,
0.1747


 0.0000, 0.0000,
0.0000


 64.9351, 0.3244,
0.2938


 64.9351, 0.3244,
0.2938

 54.3667, 0.3320,
0.2748


 77.3169, 0.3179,
0.3124


 45.5169, 0.3406,
0.2562

 91.5841, 0.3123,
0.3303

 38.2952, 0.3503,
0.2386

 97.7285, 0.3081,
0.3327

 32.5993, 0.3610,
0.2232

 97.9703, 0.3060,
0.3290

■ 28.3152, 0.3723,
0.2110

■ 25.3131, 0.3838,
0.2031

■ 23.4386, 0.3953,
0.2000

■ 22.4543, 0.4064,
0.2015

■ 22.3948, 0.4073,
0.2017

Harmonies

Analogous

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



64.9351, 0.2935, 0.2808



64.9351, 0.3244, 0.2938



64.9351, 0.3533, 0.3152

Triad

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



64.9351, 0.3244, 0.2938



64.9351, 0.3569, 0.3807



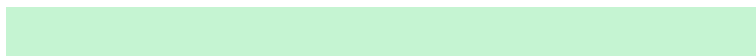
64.9351, 0.2576, 0.3128

Complementary

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



64.9351, 0.3244, 0.2938



81.2140, 0.3028, 0.3670

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.



64.9351, 0.2729, 0.3419



64.9351, 0.3244, 0.2938



64.9351, 0.3298, 0.3828

Square

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



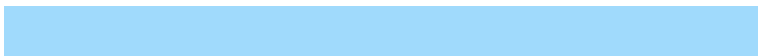
64.9351, 0.3244, 0.2938



64.9351, 0.3724, 0.3645



64.9351, 0.2991, 0.3685



64.9351, 0.2562, 0.2902

Rectangle

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



64.9351, 0.3244, 0.2938



64.9351, 0.3669, 0.3320



64.9351, 0.2991, 0.3685



64.9351, 0.2612, 0.3221

Sweetspot

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



64.9380, 0.3244, 0.2938



90.3551, 0.3160, 0.3183



60.1000, 0.2895, 0.2773



19.1249, 0.3164, 0.3171



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.



64.9380, 0.3244, 0.2938



67.1204, 0.3271, 0.2866



63.7187, 0.3421, 0.3175



16.6858, 0.3180, 0.3120



12.2031, 0.4056, 0.2008



1.0898, 0.3925, 0.1936

Inverse Universe

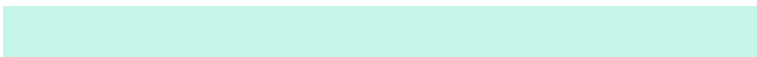
The Inverse Universe completely reimagines the original color for something new.



64.9380, 0.3244, 0.2938



67.1204, 0.3271, 0.2866



82.4478, 0.2898, 0.3409



16.6858, 0.3180, 0.3120



12.2031, 0.4056, 0.2008



1.0898, 0.3925, 0.1936

Previews

White Background



This preview shows how the Yxy color 64.9351, 0.3244, 0.2938 looks on a white background.

Color Contrast Check

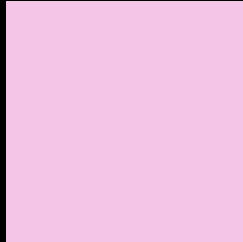
Large Text (above 18pt) WCAG AA × Fail

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 64.9351, 0.3244, 0.2938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

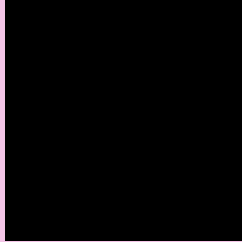
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.9351, 0.3244, 0.2938

Background



This preview shows how black text looks on a background with the Yxy color 64.9351, 0.3244, 0.2938.



This preview shows how white text looks on a background with the Yxy color 64.9351, 0.3244, 0.2938.

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

64.9351, 0.3244, 0.2938

Protanopia

64.9547, 0.2907, 0.2958

Deuteranopia

65.0078, 0.3095, 0.3029



Tritanopia

65.0921, 0.3346, 0.3132

Trichromacy



Original Color

64.9351, 0.3244, 0.2938

Protanomaly

64.9344, 0.3025, 0.2954

Deuteranomaly

64.9432, 0.3149, 0.2991

Tritanomaly

65.1220, 0.3310, 0.3060

Monochromacy



Original Color

64.9351, 0.3244, 0.2938

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

66.5010, 0.3171, 0.3149

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.9351, 0.3244, 0.2938 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, 197, 231)` looks like.

```
.text, #text, p{  
    color:rgb(244, 197, 231)  
}
```

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, 197, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 197, 231) }
```

Border

The CSS property to change the border of an element to Yxy 64.9351, 0.3244, 0.2938 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, 197, 231) }
```

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

```
.border{ border-color:rgb(244, 197, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 197, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 197, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 197, 231);  
box-shadow:4px 4px 4px 4px rgb(244, 197,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 64.9351, 0.3244, 0.2938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 197, 231) }
```

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

```
.background{ background-color: rgb(244,  
197, 231) }
```

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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