

# Converting Colors

Yxy(68.4286, 0.3148, 0.2915)

Have a look what the booklet for  
Yxy(68.4286, 0.3148, 0.2915)  
contains.

<b>Yxy(68.2374, 0.3145, 0.2910)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(68.2374, 0.3145, 0.2910)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1CCF1
RGB	241, 204, 241
RGB Percent	95%, 80%, 95%
CMY	0.0549, 0.2000, 0.0549
CMYK	0.00, 0.15, 0.00, 0.05
HSL	300°, 57%, 87%
HSV	300°, 15%, 95%
XYZ	73.7480, 68.2374, 92.5074
YIQ	219.2810, 10.1750, 19.3510

# Conversions

## Conversions Part 2

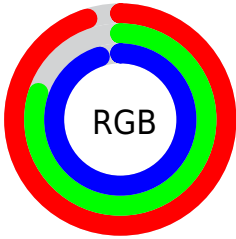
Format	Color
R <sub>Y</sub> B	241, 204, 241
Decimal	15846641
CIE Lab	86.13, 19.26, -13.35
CIE LCh	86, 23.431, 325.277
Yxy	68.2374, 0.3145, 0.2910
Android (android.graphics.Color)	4294036721 (0xFFF1CCF1)
YUV	219.2810, 10.7075, 19.0476
Hunter-Lab	82.6059, 14.7988, -8.5726

# Details

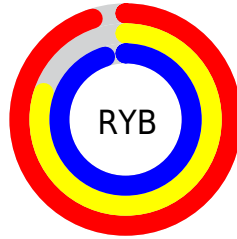
The Yxy color **68.2374, 0.3145, 0.2910** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **80.1130, 0.3108, 0.3702**, and the grayscale version is **70.9650, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.6298, 0.3149, 0.2828** is the 20% darker color. If you saturate the color by 10%, you get **57.6562, 0.3157, 0.2659**, and if you desaturate by 10%, it is **80.5972, 0.3133, 0.3159**.

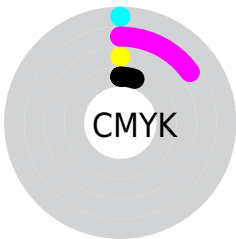
# Distribution



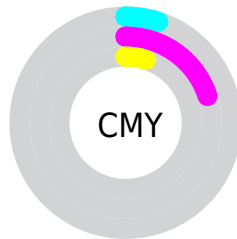
- Red (95%)
- Green (80%)
- Blue (95%)



- Red (95%)
- Yellow (80%)
- Blue (95%)



- Cyan (0%)
- Magenta (15%)
- Yellow (0%)
- Black (5%)




- Cyan (5%)
- Magenta (20%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 68.2374, 0.3145, 0.2910 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 68.2374, 0.3145, 0.2910 by changing the saturation by 10% instead.




 68.2374, 0.3145,  
0.2910

 68.2374, 0.3145,  
0.2910

454.3367, 0.3139,  
0.3082

 50.0909, 0.3146,  
0.2871


116.6917, 0.3143,  
0.2969

 35.4856, 0.3147,  
0.2824


147.7683, 0.3143,  
0.2992

 24.0372, 0.3147,  
0.2765


183.9237, 0.3142,  
0.3012

 15.3612, 0.3147,  
0.2689

225.5423, 0.3141,  
0.3030

 9.0733, 0.3147,  
0.2587

273.0085, 0.3141,  
0.3045

 4.7890, 0.3143,  
0.2444

326.7067, 0.3140,

 2.1240, 0.3132,

0.3059

0.2229

387.0213, 0.3139,  
0.3071

0.6781, 0.3111,  
0.1842

0.0000, 0.1181,  
0.0000

68.2374, 0.3145,  
0.2910

68.2374, 0.3145,  
0.2910

57.6562, 0.3157,  
0.2659

80.5972, 0.3133,  
0.3159

48.7635, 0.3168,  
0.2414

94.8026, 0.3122,  
0.3401

41.4746, 0.3179,  
0.2184

96.5737, 0.3121,  
0.3428

35.6940, 0.3189,  
0.1980

96.5737, 0.3121,  
0.3428

31.3162, 0.3197,  
0.1811

96.5738, 0.3121,  
0.3428

28.2221, 0.3203,  
0.1682

96.5738, 0.3121,  
0.3428

26.2726, 0.3207,  
0.1597

96.5739, 0.3121,  
0.3428

25.2968, 0.3209,  
0.1553

96.5740, 0.3121,  
0.3428

25.0529, 0.3209,  
0.1542

96.5740, 0.3121,  
0.3428

# Harmonies

## Analogous

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



68.2374, 0.2866, 0.2819



68.2374, 0.3145, 0.2910



68.2374, 0.3431, 0.3091

# Triad

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



68.2374, 0.3145, 0.2910



68.2374, 0.3602, 0.3740



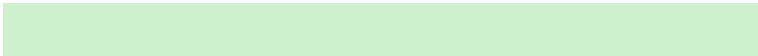
68.2374, 0.2640, 0.3221

# Complementary

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



68.2374, 0.3145, 0.2910



80.1130, 0.3108, 0.3702

# 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.



68.2374, 0.2821, 0.3496



68.2374, 0.3145, 0.2910



68.2374, 0.3375, 0.3805

# Square

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



68.2374, 0.3145, 0.2910



68.2374, 0.3701, 0.3560



68.2374, 0.3089, 0.3717



68.2374, 0.2584, 0.2982



# Rectangle

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



68.2374, 0.3145, 0.2910



68.2374, 0.3583, 0.3244



68.2374, 0.3089, 0.3717



68.2374, 0.2688, 0.3312

# Sweetspot

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



68.2404, 0.3145, 0.2910



92.1332, 0.3133, 0.3168



62.3760, 0.2878, 0.2878



19.4928, 0.3134, 0.3150



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.



68.2404, 0.3145, 0.2910



74.1299, 0.3148, 0.2842



67.1902, 0.3278, 0.3096



16.0314, 0.3138, 0.3057



13.5846, 0.3209, 0.1542



1.1301, 0.3209, 0.1542



# Inverse Universe

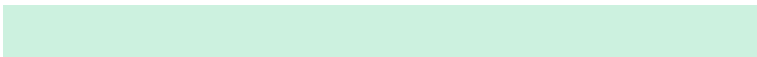
The Inverse Universe completely reimagines the original color for something new.



68.2404, 0.3145, 0.2910



74.1299, 0.3148, 0.2842



81.0542, 0.2999, 0.3492



16.0314, 0.3138, 0.3057



13.5846, 0.3209, 0.1542

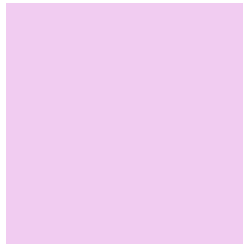


1.1301, 0.3209, 0.1542



# Previews

## White Background



This preview shows how the Yxy color 68.2374, 0.3145, 0.2910 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

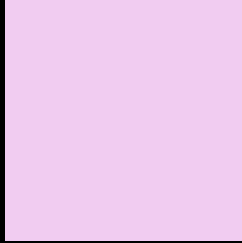
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 68.2374, 0.3145, 0.2910 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

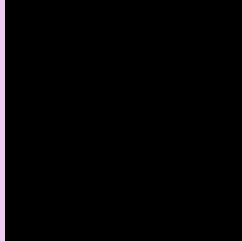
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 68.2374, 0.3145, 0.2910**

## Background



This preview shows how black text looks on a background with the Yxy color 68.2374, 0.3145, 0.2910.



This preview shows how white text looks on a background with the Yxy color 68.2374, 0.3145, 0.2910.

# 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

68.2374, 0.3145, 0.2910

### Protanopia

68.5102, 0.2886, 0.2933

### Deuteranopia

68.3920, 0.3034, 0.2971



## Tritanopia

68.1305, 0.3248, 0.3122

# Trichromacy



## Original Color

68.2374, 0.3145, 0.2910

## Protanomaly

68.0579, 0.2973, 0.2918

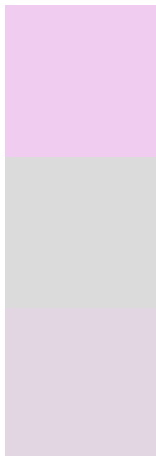
## Deuteranomaly

68.3919, 0.3077, 0.2954

## Tritanomaly

68.2065, 0.3206, 0.3040

# Monochromacy



## Original Color

68.2374, 0.3145, 0.2910

## Achromatopsia

70.8376, 0.3127, 0.3290

## Achromatomaly

69.9701, 0.3134, 0.3151

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 68.2374, 0.3145, 0.2910 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(241, 204, 241)` looks like.

```
.text, #text, p{  
    color:rgb(241, 204, 241)  
}
```

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(241, 204, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 204, 241) }
```

## Border

The CSS property to change the border of an element to Yxy 68.2374, 0.3145, 0.2910 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(241, 204, 241) }
```

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

```
.border{ border-color:rgb(241, 204, 241) }
```

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

Here you see how a box with a 4 pixel rgb(241, 204, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 204, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 204, 241);  
box-shadow:4px 4px 4px 4px rgb(241, 204,  
241) }
```



# Background

The CSS property to change the background color of an element to Yxy 68.2374, 0.3145, 0.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 204, 241) }
```

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

```
.background{ background-color: rgb(241,  
204, 241) }
```

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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