

# Converting Colors

$Yxy(75.3039, 0.3261, 0.3126)$

Have a look what the booklet for  
Yxy(75.3039, 0.3261, 0.3126)  
contains.

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# Color

**Yxy(75.2619, 0.3265, 0.3129)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAD8E8
RGB	250, 216, 232
RGB Percent	98%, 85%, 91%
CMY	0.0198, 0.1529, 0.0902
CMYK	0.00, 0.14, 0.07, 0.02
HSL	332°, 77%, 91%
HSV	332°, 14%, 98%
XYZ	78.5331, 75.2619, 86.7352
YIQ	227.9900, 15.1280, 12.1840

# Conversions

## Conversions Part 2

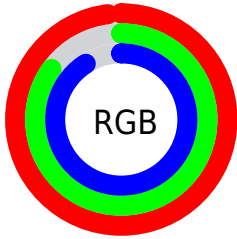
Format	Color
R <sub>Y</sub> B	250, 216, 232
Decimal	16439528
CIE Lab	89.52, 14.37, -3.48
CIE LCh	90, 14.788, 346.405
Yxy	75.2619, 0.3265, 0.3129
Android (android.graphics.Color)	4294629608 (0xFFFAD8E8)
YUV	227.9900, 1.9769, 19.3028
Hunter-Lab	86.7536, 9.7671, 1.4501

# Details

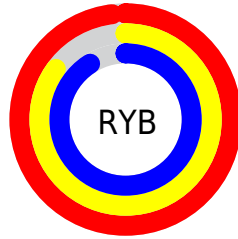
The Yxy color **75.2619, 0.3265, 0.3129** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.8826, 0.3008, 0.3457**, and the grayscale version is **77.5514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9618, 0.3298, 0.3096** is the 20% darker color. If you saturate the color by 10%, you get **62.6921, 0.3392, 0.3003**, and if you desaturate by 10%, it is **89.8430, 0.3160, 0.3249**.

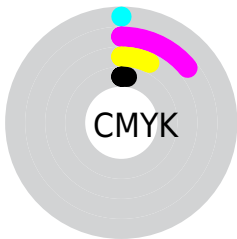
# Distribution



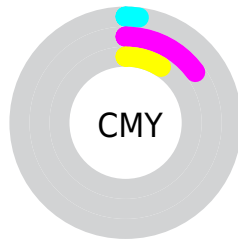
- Red (98%)
- Green (85%)
- Blue (91%)



- Red (98%)
- Yellow (85%)
- Blue (91%)



- Cyan (0%)
- Magenta (14%)
- Yellow (7%)
- Black (2%)




- Cyan (2%)
- Magenta (15%)
- Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 75.2619, 0.3265, 0.3129 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 75.2619, 0.3265, 0.3129 by changing the saturation by 10% instead.




 75.2619, 0.3265,  
0.3129

 75.2619, 0.3265,  
0.3129


478.8173, 0.3202,  
0.3202

 55.8275, 0.3279,  
0.3113


126.6830, 0.3243,  
0.3154

 40.0646, 0.3297,  
0.3092


159.4385, 0.3235,  
0.3164

 27.5889, 0.3319,  
0.3067


197.4031, 0.3228,  
0.3173

 18.0160, 0.3347,  
0.3034

240.9613, 0.3221,  
0.3180

 10.9615, 0.3386,  
0.2990

290.4974, 0.3215,  
0.3187

 6.0409, 0.3441,  
0.2928

346.3958, 0.3211,

 2.8700, 0.3525,

0.3192

0.2834

409.0410, 0.3206,  
0.3198

1.0642, 0.3672,  
0.2672

0.0000, 0.6190,  
0.0000

75.2619, 0.3265,  
0.3129

75.2619, 0.3265,  
0.3129

62.6921, 0.3392,  
0.3003

89.8430, 0.3160,  
0.3249

52.0345, 0.3544,  
0.2876

99.0551, 0.3096,  
0.3290

43.1970, 0.3725,  
0.2751

36.0753, 0.3935,  
0.2639

■ 30.5549, 0.4173,  
0.2549

■ 26.5070, 0.4432,  
0.2495

■ 23.7825, 0.4701,  
0.2490

■ 22.2001, 0.4963,  
0.2540

■ 21.6171, 0.5124,  
0.2596

# Harmonies

## Analogous

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



75.2619, 0.3087, 0.3029



75.2619, 0.3265, 0.3129



75.2619, 0.3408, 0.3270

# Triad

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



75.2619, 0.3265, 0.3129



75.2619, 0.3328, 0.3600



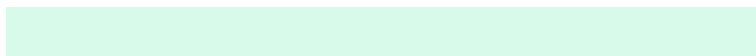
75.2619, 0.2792, 0.3144

# Complementary

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



75.2619, 0.3265, 0.3129



88.8826, 0.3008, 0.3457

# 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.



75.2619, 0.2853, 0.3301



75.2619, 0.3265, 0.3129



75.2619, 0.3160, 0.3571

# Square

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



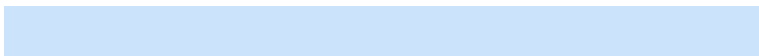
75.2619, 0.3265, 0.3129



75.2619, 0.3445, 0.3542



75.2619, 0.2986, 0.3459



75.2619, 0.2818, 0.3033



# Rectangle

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



75.2619, 0.3265, 0.3129



75.2619, 0.3463, 0.3372



75.2619, 0.2986, 0.3459



75.2619, 0.2803, 0.3193

# Sweetspot

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



75.2652, 0.3265, 0.3129



93.3212, 0.3164, 0.3244



73.4395, 0.3028, 0.2942



19.7141, 0.3171, 0.3235



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

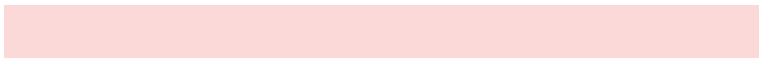
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.2652, 0.3265, 0.3129



75.3616, 0.3294, 0.3099



74.6880, 0.3377, 0.3297



17.3613, 0.3220, 0.3179



11.4999, 0.5085, 0.2575



1.0863, 0.4803, 0.2419



# Inverse Universe

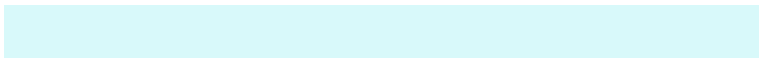
The Inverse Universe completely reimagines the original color for something new.



75.2652, 0.3265, 0.3129



75.3616, 0.3294, 0.3099



89.4921, 0.2919, 0.3284



17.3613, 0.3220, 0.3179



11.4999, 0.5085, 0.2575

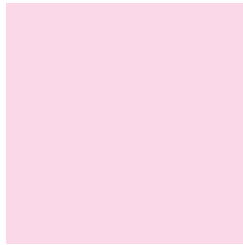


1.0863, 0.4803, 0.2419



# Previews

## White Background



This preview shows how the Yxy color 75.2619, 0.3265, 0.3129 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

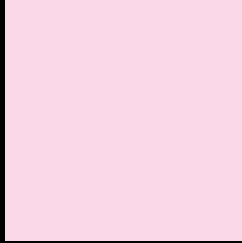
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 75.2619, 0.3265, 0.3129 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

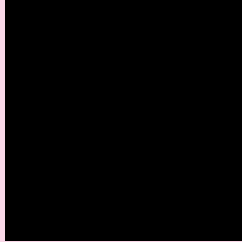
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 75.2619, 0.3265, 0.3129**

## **Background**



This preview shows how black text looks on a background with the Yxy color 75.2619, 0.3265, 0.3129.

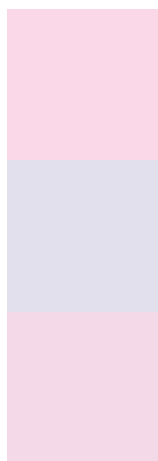


This preview shows how white text looks on a background with the Yxy color 75.2619, 0.3265, 0.3129.

# 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

75.2619, 0.3265, 0.3129

### Protanopia

75.5945, 0.3058, 0.3153

### Deuteranopia

75.2021, 0.3220, 0.3147



## Tritanopia

75.3189, 0.3258, 0.3119

# Trichromacy



## Original Color

75.2619, 0.3265, 0.3129

## Protanomaly

75.3732, 0.3134, 0.3145

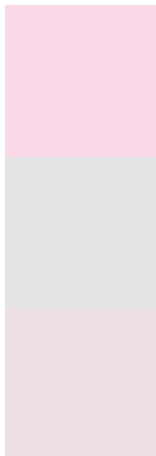
## Deuteranomaly

75.0447, 0.3235, 0.3138

## Tritanomaly

75.3189, 0.3258, 0.3119

# Monochromacy



## Original Color

75.2619, 0.3265, 0.3129

## Achromatopsia

77.5822, 0.3127, 0.3290

## Achromatomaly

76.8013, 0.3179, 0.3238

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 75.2619, 0.3265, 0.3129 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, 216, 232)` looks like.

```
.text, #text, p{  
    color:rgb(250, 216, 232)  
}
```

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, 216, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 216, 232) }
```

## Border

The CSS property to change the border of an element to Yxy 75.2619, 0.3265, 0.3129 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, 216, 232) }
```

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

```
.border{ border-color:rgb(250, 216, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 216, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 216, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 216, 232);  
box-shadow:4px 4px 4px 4px rgb(250, 216,  
232) }
```



# Background

The CSS property to change the background color of an element to Yxy 75.2619, 0.3265, 0.3129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 216, 232) }
```

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

```
.background{ background-color: rgb(250,  
216, 232) }
```

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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