

# Converting Colors

Yxy(69.0126, 0.3207, 0.3029)

Have a look what the booklet for  
Yxy(69.0126, 0.3207, 0.3029)  
contains.

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# Color

**Yxy(69.1526, 0.3207, 0.3031)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1CFE8
RGB	241, 207, 232
RGB Percent	95%, 81%, 91%
CMY	0.0547, 0.1883, 0.0902
CMYK	0.00, 0.14, 0.04, 0.05
HSL	316°, 55%, 88%
HSV	316°, 14%, 95%
XYZ	73.1681, 69.1526, 85.8304
YIQ	220.0160, 12.2390, 14.9830

# Conversions

## Conversions Part 2

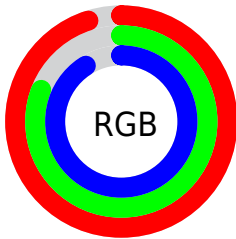
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	241, 207, 232
Decimal	15847400
CIE <sub>Lab</sub>	86.58, 16.09, -7.89
CIE <sub>LCh</sub>	87, 17.922, 333.877
Yxy	69.1526, 0.3207, 0.3031
Android (android.graphics.Color)	4294037480 (0xFFFF1CFE8)
YUV	220.0160, 5.9081, 18.4030
Hunter-Lab	83.1580, 11.5298, -2.9847

# Details

The Yxy color **69.1526, 0.3207, 0.3031** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **81.1699, 0.3056, 0.3564**, and the grayscale version is **71.5390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.2313, 0.3230, 0.2983** is the 20% darker color. If you saturate the color by 10%, you get **57.9965, 0.3275, 0.2840**, and if you desaturate by 10%, it is **82.1112, 0.3149, 0.3216**.

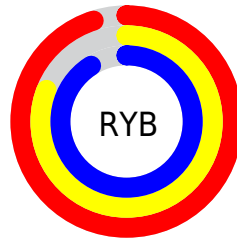
# Distribution



Red (95%)

Green (81%)

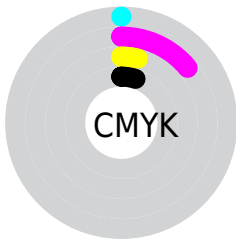
Blue (91%)



Red (95%)

Yellow (81%)

Blue (91%)

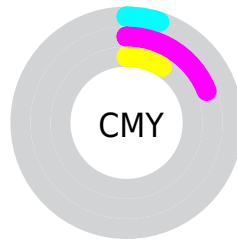


Cyan (0%)

Magenta (14%)

Yellow (4%)

Black (5%)



Cyan (5%)

Magenta (19%)


Yellow (9%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 69.1526, 0.3207, 0.3031 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 69.1526, 0.3207, 0.3031 by changing the saturation by 10% instead.




 69.1526, 0.3207,  
0.3031

 69.1526, 0.3207,  
0.3031

457.5690, 0.3171,  
0.3149

 50.8360, 0.3215,  
0.3004


117.9995, 0.3195,  
0.3072

 36.0781, 0.3225,  
0.2971


149.2986, 0.3190,  
0.3088

 24.4945, 0.3237,  
0.2930


185.6940, 0.3186,  
0.3102

 15.7009, 0.3253,  
0.2876

227.5700, 0.3182,  
0.3114

 9.3127, 0.3274,  
0.2804

275.3112, 0.3179,  
0.3124

 4.9457, 0.3304,  
0.2701

329.3018, 0.3176,

 2.2154, 0.3348,

0.3134

0.2544

389.9263, 0.3173,  
0.3142

0.7284, 0.3429,  
0.2252

0.0000, 0.1910,  
0.0000

69.1526, 0.3207,  
0.3031

69.1526, 0.3207,  
0.3031

57.9965, 0.3275,  
0.2840

82.1112, 0.3149,  
0.3216

48.5530, 0.3353,  
0.2649

96.8130, 0.3099,  
0.3390

40.7382, 0.3442,  
0.2465

97.2112, 0.3063,  
0.3327

34.4575, 0.3540,  
0.2297

97.4513, 0.3042,  
0.3290

■ 29.6066, 0.3646,  
0.2155

■ 26.0680, 0.3756,  
0.2052

■ 23.7054, 0.3867,  
0.1994

■ 22.3526, 0.3975,  
0.1985

■ 21.8828, 0.4037,  
0.1997

# Harmonies

## Analogous

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



69.1526, 0.2986, 0.2938



69.1526, 0.3207, 0.3031



69.1526, 0.3412, 0.3188

# Triad

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



69.1526, 0.3207, 0.3031



69.1526, 0.3449, 0.3658



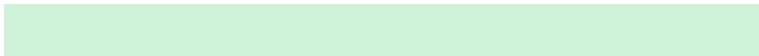
69.1526, 0.2730, 0.3183

# Complementary

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



69.1526, 0.3207, 0.3031



81.1699, 0.3056, 0.3564

# 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.



69.1526, 0.2846, 0.3389



69.1526, 0.3207, 0.3031



69.1526, 0.3258, 0.3671

# Square

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



69.1526, 0.3207, 0.3031



69.1526, 0.3554, 0.3546



69.1526, 0.3037, 0.3572



69.1526, 0.2717, 0.3017



# Rectangle

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



69.1526, 0.3207, 0.3031



69.1526, 0.3510, 0.3311



69.1526, 0.3037, 0.3572



69.1526, 0.2758, 0.3250

# Sweetspot

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



69.1556, 0.3207, 0.3031



93.4903, 0.3148, 0.3218



65.4963, 0.2959, 0.2920



19.7570, 0.3152, 0.3205



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.



69.1556, 0.3207, 0.3031



74.6715, 0.3226, 0.2976



68.2620, 0.3326, 0.3201



15.9554, 0.3179, 0.3118



11.8834, 0.4020, 0.1988



1.0050, 0.3889, 0.1916



# Inverse Universe

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



69.1556, 0.3207, 0.3031



74.6715, 0.3226, 0.2976



82.0664, 0.2960, 0.3381



15.9554, 0.3179, 0.3118



11.8834, 0.4020, 0.1988

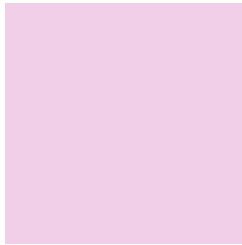


1.0050, 0.3889, 0.1916



# Previews

## White Background



This preview shows how the Yxy color 69.1526, 0.3207, 0.3031 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

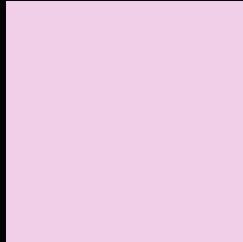
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 69.1526, 0.3207, 0.3031 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

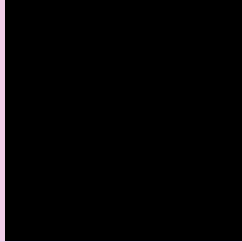
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 69.1526, 0.3207, 0.3031**

## **Background**



This preview shows how black text looks on a background with the Yxy color 69.1526, 0.3207, 0.3031.



This preview shows how white text looks on a background with the Yxy color 69.1526, 0.3207, 0.3031.

# 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

69.1526, 0.3207, 0.3031

### Protanopia

69.1624, 0.2983, 0.3051

### Deuteranopia

69.3470, 0.3137, 0.3078



## Tritanopia

69.0733, 0.3248, 0.3112

# Trichromacy



## Original Color

69.1526, 0.3207, 0.3031

## Protanomaly

68.9324, 0.3059, 0.3044

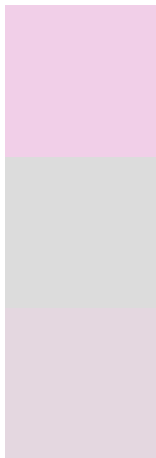
## Deuteranomaly

69.5249, 0.3167, 0.3070

## Tritanomaly

69.2385, 0.3227, 0.3082

# Monochromacy



## Original Color

69.1526, 0.3207, 0.3031

## Achromatopsia

71.5694, 0.3127, 0.3290

## Achromatomaly

70.4767, 0.3161, 0.3194

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 69.1526, 0.3207, 0.3031 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, 207, 232)` looks like.

```
.text, #text, p{  
    color:rgb(241, 207, 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(241, 207, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 207, 232) }
```

## Border

The CSS property to change the border of an element to Yxy 69.1526, 0.3207, 0.3031 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, 207, 232) }
```

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

```
.border{ border-color:rgb(241, 207, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 207, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 207, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 207, 232); box-shadow:4px 4px 4px 4px rgb(241, 207, 232) }
```



# Background

The CSS property to change the background color of an element to Yxy 69.1526, 0.3207, 0.3031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 207, 232) }
```

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

```
.background{ background-color: rgb(241,  
207, 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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