

# Converting Colors

$Yxy(69.3546, 0.3336, 0.3197)$

Have a look what the booklet for  
Yxy(69.3546, 0.3336, 0.3197)  
contains.

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# Color

**Yxy(69.3546, 0.3336, 0.3197)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4D0D9
RGB	244, 208, 217
RGB Percent	96%, 82%, 85%
CMY	0.0434, 0.1842, 0.1490
CMYK	0.00, 0.15, 0.11, 0.04
HSL	345°, 62%, 89%
HSV	345°, 15%, 96%
XYZ	72.3700, 69.3546, 75.2119
YIQ	219.7900, 18.5670, 10.4310

# Conversions

## Conversions Part 2

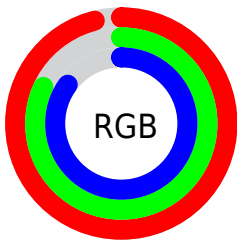
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	244, 208, 217
Decimal	16044249
CIE Lab	86.68, 13.99, 0.24
CIE LCh	87, 13.992, 0.973
Yxy	69.3546, 0.3336, 0.3197
Android (android.graphics.Color)	4294234329 (0xFFFF4D0D9)
YUV	219.7900, -1.3755, 21.2322
Hunter-Lab	83.2794, 9.3780, 4.7492

# Details

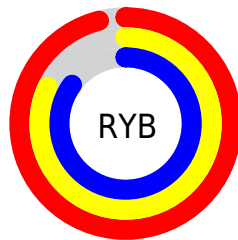
The Yxy color **69.3546, 0.3336, 0.3197** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.0721, 0.2953, 0.3385**, and the grayscale version is **71.4137, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.4112, 0.3393, 0.3183** is the 20% darker color. If you saturate the color by 10%, you get **57.4611, 0.3520, 0.3129**, and if you desaturate by 10%, it is **83.1893, 0.3187, 0.3261**.

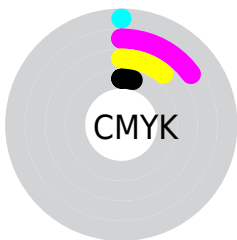
# Distribution



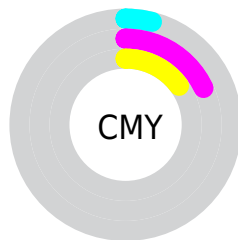
- Red (96%)
- Green (82%)
- Blue (85%)



- Red (96%)
- Yellow (82%)
- Blue (85%)



- Cyan (0%)
- Magenta (15%)
- Yellow (11%)
- Black (4%)



- Cyan (4%)
- Magenta (18%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 69.3546, 0.3336, 0.3197 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 69.3546, 0.3336, 0.3197 by changing the saturation by 10% instead.




 69.3546, 0.3336,  
0.3197

 69.3546, 0.3336,  
0.3197


458.2806, 0.3238,  
0.3241

 51.0006, 0.3359,  
0.3187


118.2879, 0.3302,  
0.3212

 36.2090, 0.3387,  
0.3174


149.6360, 0.3289,  
0.3218

 24.5957, 0.3422,  
0.3158

186.0841, 0.3277,  
0.3223

 15.7761, 0.3469,  
0.3137

228.0168, 0.3268,  
0.3228

 9.3658, 0.3534,  
0.3108

275.8184, 0.3259,  
0.3231

 4.9806, 0.3630,  
0.3065

329.8733, 0.3251,

 2.2359, 0.3783,

0.3235

0.2996

390.5659, 0.3245,  
0.3238

0.7394, 0.4098,  
0.2856

0.0000, 0.0000,  
0.0000

69.3546, 0.3336,  
0.3197

69.3546, 0.3336,  
0.3197

57.4611, 0.3520,  
0.3129

83.1893, 0.3187,  
0.3261

47.4127, 0.3745,  
0.3061

97.8714, 0.3067,  
0.3303

39.1191, 0.4017,  
0.2996

97.9611, 0.3059,  
0.3290

32.4788, 0.4340,  
0.2941

■ 27.3798, 0.4706,  
0.2905

■ 23.6957, 0.5099,  
0.2901

■ 21.2805, 0.5486,  
0.2937

■ 19.9552, 0.5822,  
0.3014

■ 19.5568, 0.5971,  
0.3063

# Harmonies

## Analogous

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



69.3546, 0.3173, 0.3076



69.3546, 0.3336, 0.3197



69.3546, 0.3443, 0.3343

# Triad

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



69.3546, 0.3336, 0.3197



69.3546, 0.3247, 0.3588



69.3546, 0.2802, 0.3088

# Complementary

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



69.3546, 0.3336, 0.3197



84.0721, 0.2953, 0.3385

# 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.



69.3546, 0.2821, 0.3223



69.3546, 0.3336, 0.3197



69.3546, 0.3075, 0.3519

# Square

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



69.3546, 0.3336, 0.3197



69.3546, 0.3390, 0.3572



69.3546, 0.2920, 0.3383



69.3546, 0.2868, 0.3012



# Rectangle

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



69.3546, 0.3336, 0.3197



69.3546, 0.3467, 0.3438



69.3546, 0.2920, 0.3383



69.3546, 0.2799, 0.3128

# Sweetspot

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



69.3577, 0.3336, 0.3197



93.1806, 0.3178, 0.3266



69.3098, 0.3079, 0.2918



19.6786, 0.3188, 0.3261



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

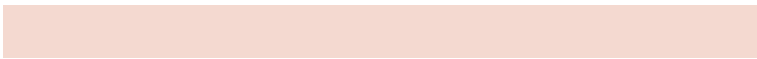
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.3577, 0.3336, 0.3197



72.1068, 0.3393, 0.3175



73.4061, 0.3388, 0.3385



16.5504, 0.3254, 0.3231



10.6588, 0.5933, 0.3042



0.9526, 0.5583, 0.2849



# Inverse Universe

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



69.3577, 0.3336, 0.3197



72.1068, 0.3393, 0.3175



79.3345, 0.2900, 0.3194



16.5504, 0.3254, 0.3231



10.6588, 0.5933, 0.3042



0.9526, 0.5583, 0.2849



# Previews

## White Background



This preview shows how the Yxy color 69.3546, 0.3336, 0.3197 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

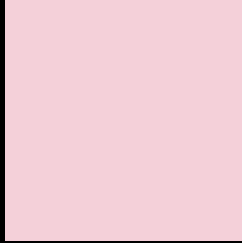
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 69.3546, 0.3336, 0.3197 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

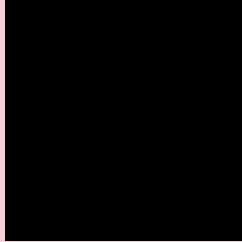
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 69.3546, 0.3336, 0.3197**

## Background



This preview shows how black text looks on a background with the Yxy color 69.3546, 0.3336, 0.3197.

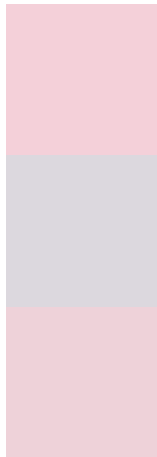


This preview shows how white text looks on a background with the Yxy color 69.3546, 0.3336, 0.3197.

# 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

69.3546, 0.3336, 0.3197

### Protanopia

69.6013, 0.3116, 0.3224

### Deuteranopia

69.2801, 0.3288, 0.3216



## Tritanopia

69.3658, 0.3301, 0.3125

# Trichromacy



## Original Color

69.3546, 0.3336, 0.3197

## Protanomaly

69.4138, 0.3197, 0.3215

## Deuteranomaly

69.1359, 0.3305, 0.3206

## Tritanomaly

69.2586, 0.3316, 0.3145

# Monochromacy



## Original Color

69.3546, 0.3336, 0.3197

## Achromatopsia

71.5694, 0.3127, 0.3290

## Achromatomaly

70.8842, 0.3202, 0.3258

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 69.3546, 0.3336, 0.3197 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, 208, 217)` looks like.

```
.text, #text, p{  
    color:rgb(244, 208, 217)  
}
```

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, 208, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 208, 217) }
```

## Border

The CSS property to change the border of an element to Yxy 69.3546, 0.3336, 0.3197 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, 208, 217) }
```

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

```
.border{ border-color:rgb(244, 208, 217) }
```

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

Here you see how a box with a 4 pixel rgb(244, 208, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 208, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 208, 217);  
box-shadow:4px 4px 4px 4px rgb(244, 208,  
217) }
```



# Background

The CSS property to change the background color of an element to Yxy 69.3546, 0.3336, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 208, 217) }
```

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

```
.background{ background-color: rgb(244,  
208, 217) }
```

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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