

# Converting Colors

$Yxy(77.4362, 0.3357, 0.3248)$

Have a look what the booklet for  
Yxy(77.4362, 0.3357, 0.3248)  
contains.

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# Color

**Yxy(77.3049, 0.3355, 0.3241)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFDBE0
RGB	255, 219, 224
RGB Percent	100%, 86%, 88%
CMY	0.0000, 0.1411, 0.1217
CMYK	0.00, 0.14, 0.12, 0.00
HSL	352°, 100%, 93%
HSV	352°, 14%, 100%
XYZ	80.0240, 77.3049, 81.1928
YIQ	230.3340, 19.8510, 9.1870

# Conversions

## Conversions Part 2

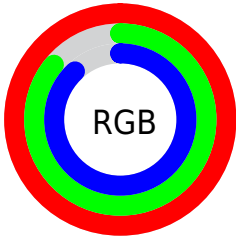
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 219, 224
Decimal	16767968
CIE Lab	90.46, 13.25, 2.19
CIE LCh	90, 13.426, 9.395
Yxy	77.3049, 0.3355, 0.3241
Android (android.graphics.Color)	4294958048 (0xFFFFDBE0)
YUV	230.3340, -3.1227, 21.6321
Hunter-Lab	87.9232, 8.5977, 6.7948

# Details

The Yxy color **77.3049, 0.3355, 0.3241** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.4864, 0.2938, 0.3340**, and the grayscale version is **79.4020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.4213, 0.3406, 0.3227** is the 20% darker color. If you saturate the color by 10%, you get **63.8871, 0.3565, 0.3204**, and if you desaturate by 10%, it is **92.9177, 0.3186, 0.3276**.

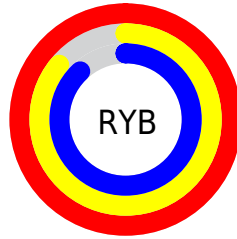
# Distribution



Red (100%)

Green (86%)

Blue (88%)



Red (100%)

Yellow (86%)

Blue (88%)

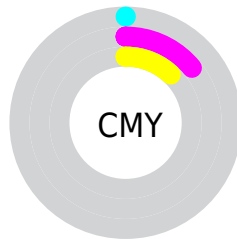


Cyan (0%)

Magenta (14%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 77.3049, 0.3355, 0.3241 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 77.3049, 0.3355, 0.3241 by changing the saturation by 10% instead.




 77.3049, 0.3355,  
0.3241

 77.3049, 0.3355,  
0.3241


485.8030, 0.3250,  
0.3264

 57.5032, 0.3379,  
0.3236


129.5698, 0.3319,  
0.3249

 41.4093, 0.3408,  
0.3229


162.8017, 0.3305,  
0.3252

 28.6391, 0.3445,  
0.3220


201.2792, 0.3293,  
0.3255

 18.8080, 0.3493,  
0.3209

245.3865, 0.3282,  
0.3257

 11.5316, 0.3559,  
0.3194

295.5082, 0.3273,  
0.3259

 6.4256, 0.3652,  
0.3171

352.0286, 0.3264,

 3.1056, 0.3798,

0.3261

0.3134

415.3320, 0.3257,  
0.3263

■ 1.1871, 0.4053,  
0.3067

■ 0.0511, 0.8792,  
0.1208

■ 77.3049, 0.3355,  
0.3241

■ 77.3049, 0.3355,  
0.3241

■ 63.8871, 0.3565,  
0.3204

■ 92.9177, 0.3186,  
0.3276

■ 52.5619, 0.3824,  
0.3166

100.0000, 0.3127,  
0.3290

■ 43.2251, 0.4140,  
0.3131

■ 35.7613, 0.4516,  
0.3103

■ 30.0438, 0.4940,  
0.3088

■ 25.9299, 0.5384,  
0.3094

■ 23.2542, 0.5797,  
0.3126

■ 21.8153, 0.6118,  
0.3182

■ 21.3817, 0.6251,  
0.3217

# Harmonies

## Analogous

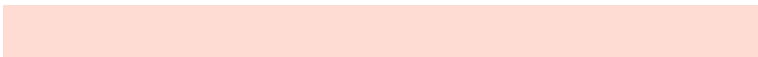
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.3049, 0.3215, 0.3119



77.3049, 0.3355, 0.3241



77.3049, 0.3433, 0.3378

# Triad

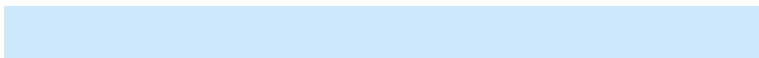
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.3049, 0.3355, 0.3241



77.3049, 0.3194, 0.3555



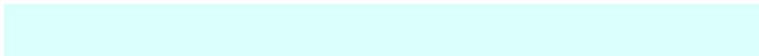
77.3049, 0.2836, 0.3077

# Complementary

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



77.3049, 0.3355, 0.3241



93.4864, 0.2938, 0.3340

# 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.



77.3049, 0.2831, 0.3190



77.3049, 0.3355, 0.3241



77.3049, 0.3035, 0.3471

# Square

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



77.3049, 0.3355, 0.3241



77.3049, 0.3338, 0.3563



77.3049, 0.2903, 0.3335



77.3049, 0.2916, 0.3025

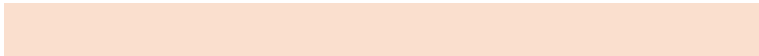


# Rectangle

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



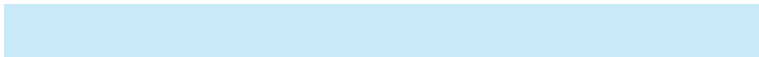
77.3049, 0.3355, 0.3241



77.3049, 0.3439, 0.3461



77.3049, 0.2903, 0.3335



77.3049, 0.2825, 0.3109

# Sweetspot

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



77.3062, 0.3355, 0.3241



93.1101, 0.3185, 0.3277



78.1371, 0.3106, 0.2936



19.6608, 0.3196, 0.3274



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

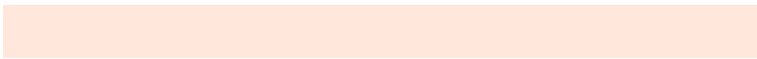
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.3062, 0.3355, 0.3241



73.2138, 0.3411, 0.3230



83.8657, 0.3372, 0.3416



18.0277, 0.3273, 0.3258



11.1847, 0.6223, 0.3202



1.1008, 0.5965, 0.3059



# Inverse Universe

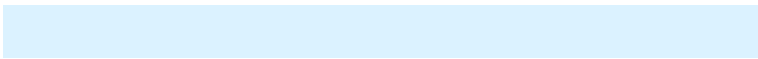
The Inverse Universe completely reimagines the original color for something new.



77.3062, 0.3355, 0.3241



73.2138, 0.3411, 0.3230



86.0253, 0.2907, 0.3160



18.0277, 0.3273, 0.3258



11.1847, 0.6223, 0.3202

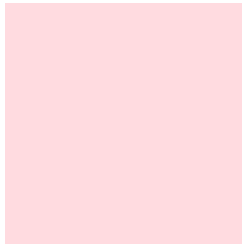


1.1008, 0.5965, 0.3059



# Previews

## White Background



This preview shows how the Yxy color 77.3049, 0.3355, 0.3241 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

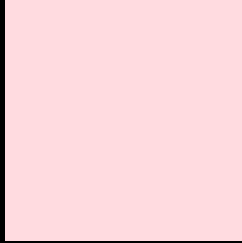
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 77.3049, 0.3355, 0.3241 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

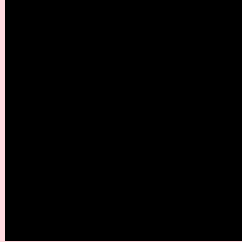
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 77.3049, 0.3355, 0.3241**

## **Background**



This preview shows how black text looks on a background with the Yxy color 77.3049, 0.3355, 0.3241.

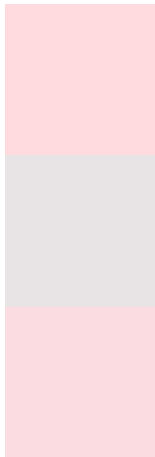


This preview shows how white text looks on a background with the Yxy color 77.3049, 0.3355, 0.3241.

# 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

77.3049, 0.3355, 0.3241

### Protanopia

77.6954, 0.3155, 0.3280

### Deuteranopia

77.0774, 0.3324, 0.3250



## Tritanopia

77.3433, 0.3286, 0.3131

# Trichromacy



## Original Color

77.3049, 0.3355, 0.3241

## Protanomaly

77.3826, 0.3220, 0.3259

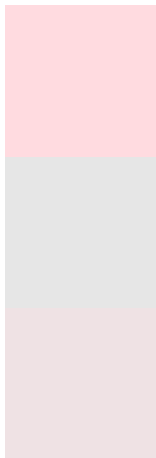
## Deuteranomaly

77.2637, 0.3331, 0.3250

## Tritanomaly

77.1160, 0.3314, 0.3171

# Monochromacy



## Original Color

77.3049, 0.3355, 0.3241

## Achromatopsia

79.1298, 0.3127, 0.3290

## Achromatomaly

78.3449, 0.3205, 0.3270

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 77.3049, 0.3355, 0.3241 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(255, 219, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 224)  
}
```

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(255, 219, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 224) }
```

## Border

The CSS property to change the border of an element to Yxy 77.3049, 0.3355, 0.3241 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(255, 219, 224) }
```

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

```
.border{ border-color:rgb(255, 219, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
224) }
```



# Background

The CSS property to change the background color of an element to Yxy 77.3049, 0.3355, 0.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 224) }
```

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

```
.background{ background-color: rgb(255,  
219, 224) }
```

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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