

# Converting Colors

Yxy(81.3425, 0.3489, 0.3241)

Have a look what the booklet for  
Yxy(81.3425, 0.3489, 0.3241)  
contains.

<b>Yxy(77.3593, 0.3348, 0.3231)</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(77.3593, 0.3348, 0.3231)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFDBE1
RGB	255, 219, 225
RGB Percent	100%, 86%, 88%
CMY	0.0000, 0.1412, 0.1178
CMYK	0.00, 0.14, 0.12, 0.00
HSL	350°, 100%, 93%
HSV	350°, 14%, 100%
XYZ	80.1606, 77.3593, 81.9084
YIQ	230.4480, 19.5300, 9.4980

# Conversions

## Conversions Part 2

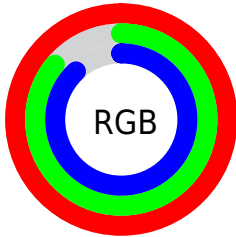
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 219, 225
Decimal	16767969
CIE Lab	90.49, 13.41, 1.70
CIE LCh	90, 13.514, 7.241
Yxy	77.3593, 0.3348, 0.3231
Android (android.graphics.Color)	4294958049 (0xFFFFDBE1)
YUV	230.4480, -2.6859, 21.5321
Hunter-Lab	87.9541, 8.7636, 6.3533

# Details

The Yxy color **77.3593, 0.3348, 0.3231** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.4237, 0.2943, 0.3350**, and the grayscale version is **79.4874, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.4590, 0.3397, 0.3214** is the 20% darker color. If you saturate the color by 10%, you get **63.9680, 0.3551, 0.3186**, and if you desaturate by 10%, it is **92.9351, 0.3185, 0.3273**.

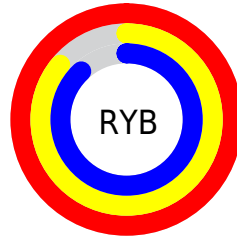
# Distribution



Red (100%)

Green (86%)

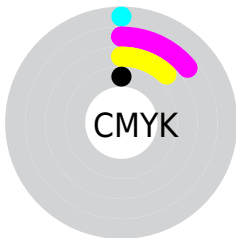
Blue (88%)



Red (100%)

Yellow (86%)

Blue (88%)

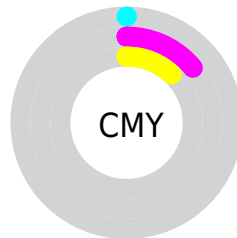


Cyan (0%)

Magenta (14%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (14%)


Yellow (12%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 77.3593, 0.3348, 0.3231 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 77.3593, 0.3348, 0.3231 by changing the saturation by 10% instead.



 77.3593, 0.3348,  
0.3231

 77.3593, 0.3348,  
0.3231

485.9882, 0.3247,  
0.3259

 57.5478, 0.3371,  
0.3225


129.6465, 0.3313,  
0.3241

 41.4452, 0.3399,  
0.3217


162.8911, 0.3299,  
0.3244

 28.6671, 0.3435,  
0.3207


201.3821, 0.3288,  
0.3248

 18.8292, 0.3482,  
0.3194

245.5040, 0.3277,  
0.3250

 11.5469, 0.3545,  
0.3176

295.6412, 0.3268,  
0.3253

 6.4360, 0.3635,  
0.3149

352.1780, 0.3260,

 3.1119, 0.3776,

0.3255

0.3108

415.4989, 0.3253,  
0.3257

■ 1.1905, 0.4022,  
0.3032

■ 0.0539, 0.8754,  
0.1246

■ 77.3593, 0.3348,  
0.3231

■ 77.3593, 0.3348,  
0.3231

■ 63.9680, 0.3551,  
0.3186

■ 92.9351, 0.3185,  
0.3273

■ 52.6610, 0.3801,  
0.3141

100.0000, 0.3127,  
0.3290

■ 43.3338, 0.4106,  
0.3098

■ 35.8721, 0.4468,  
0.3063

■ 30.1497, 0.4879,  
0.3044

■ 26.0248, 0.5312,  
0.3048

■ 23.3332, 0.5722,  
0.3082

■ 21.8746, 0.6053,  
0.3145

■ 21.4282, 0.6196,  
0.3187

# Harmonies

## Analogous

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



77.3593, 0.3204, 0.3111



77.3593, 0.3348, 0.3231



77.3593, 0.3432, 0.3369

# Triad

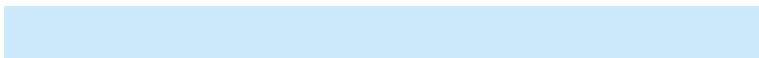
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.3593, 0.3348, 0.3231



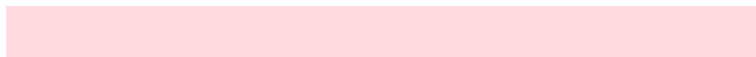
77.3593, 0.3206, 0.3560



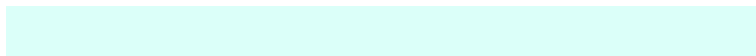
77.3593, 0.2831, 0.3082

# Complementary

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



77.3593, 0.3348, 0.3231



93.4237, 0.2943, 0.3350

# 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.



77.3593, 0.2832, 0.3199



77.3593, 0.3348, 0.3231



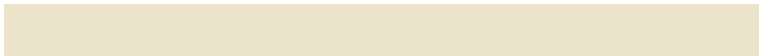
77.3593, 0.3045, 0.3480

# Square

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



77.3593, 0.3348, 0.3231



77.3593, 0.3348, 0.3562



77.3593, 0.2909, 0.3346



77.3593, 0.2907, 0.3025



# Rectangle

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



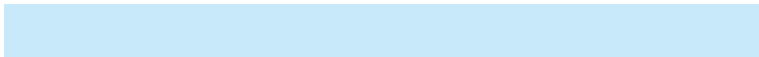
77.3593, 0.3348, 0.3231



77.3593, 0.3442, 0.3454



77.3593, 0.2909, 0.3346



77.3593, 0.2822, 0.3116

# Sweetspot

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



77.3601, 0.3348, 0.3231



93.1276, 0.3183, 0.3274



78.0262, 0.3102, 0.2936



19.6652, 0.3194, 0.3271



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

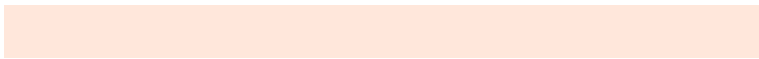
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.3601, 0.3348, 0.3231



73.2769, 0.3402, 0.3218



83.5290, 0.3373, 0.3410



18.0360, 0.3268, 0.3251



11.2110, 0.6165, 0.3170



1.1047, 0.5886, 0.3016



# Inverse Universe

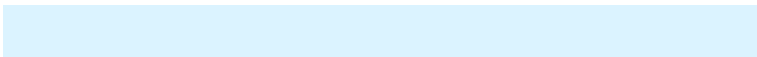
The Inverse Universe completely reimagines the original color for something new.



77.3601, 0.3348, 0.3231



73.2769, 0.3402, 0.3218



86.3835, 0.2907, 0.3167



18.0360, 0.3268, 0.3251



11.2110, 0.6165, 0.3170



1.1047, 0.5886, 0.3016



# Previews

## White Background



This preview shows how the Yxy color 77.3593, 0.3348, 0.3231 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

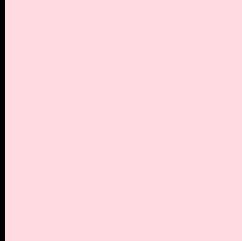
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 77.3593, 0.3348, 0.3231 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

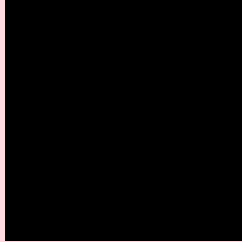
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 77.3593, 0.3348, 0.3231**

## Background



This preview shows how black text looks on a background with the Yxy color 77.3593, 0.3348, 0.3231.

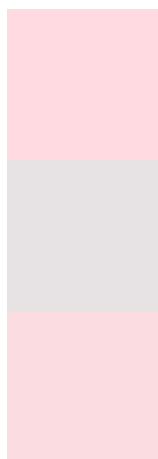


This preview shows how white text looks on a background with the Yxy color 77.3593, 0.3348, 0.3231.

# 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

77.3593, 0.3348, 0.3231

### Protanopia

77.5842, 0.3142, 0.3269

### Deuteranopia

77.6584, 0.3316, 0.3250



## Tritanopia

77.3433, 0.3286, 0.3131

# Trichromacy



## Original Color

77.3593, 0.3348, 0.3231

## Protanomaly

77.4380, 0.3214, 0.3249

## Deuteranomaly

77.3181, 0.3324, 0.3240

## Tritanomaly

77.1723, 0.3307, 0.3161

# Monochromacy



## Original Color

77.3593, 0.3348, 0.3231

## 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 77.3593, 0.3348, 0.3231 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 225) }
```

## Border

The CSS property to change the border of an element to Yxy 77.3593, 0.3348, 0.3231 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, 225) }
```

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

```
.border{ border-color:rgb(255, 219, 225) }
```

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, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
225) }
```



# Background

The CSS property to change the background color of an element to `rgb(77.3593, 0.3348, 0.3231)` 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, 225) }
```

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

```
.background{ background-color: rgb(255,  
219, 225) }
```

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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