

Converting Colors

$Yxy(74.3401, 0.3161, 0.3039)$

Have a look what the booklet for
Yxy(74.3401, 0.3161, 0.3039)
contains.

Yxy(74.4577, 0.3160, 0.3046)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.4577, 0.3160, 0.3046)

Conversions

Conversions Part 1

Format	Color
Hex	F3D8F0
RGB	243, 216, 240
RGB Percent	95%, 85%, 94%
CMY	0.0471, 0.1529, 0.0588
CMYK	0.00, 0.11, 0.01, 0.05
HSL	307°, 53%, 90%
HSV	307°, 11%, 95%
XYZ	77.2444, 74.4577, 92.7421
YIQ	226.8090, 8.3880, 13.1880

Conversions

Conversions Part 2

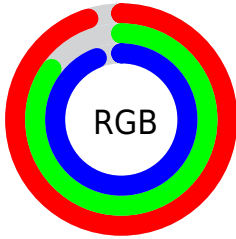
Format	Color
R _Y B	243, 216, 240
Decimal	15980784
CIE Lab	89.14, 13.42, -8.31
CIE LCh	89, 15.784, 328.227
Yxy	74.4577, 0.3160, 0.3046
Android (android.graphics.Color)	4294170864 (0xFFFF3D8F0)
YUV	226.8090, 6.5032, 14.1995
Hunter-Lab	86.2889, 8.7847, -3.3219

Details

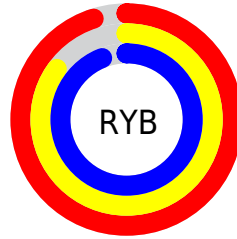
The Yxy color $74.4577, 0.3160, 0.3046$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $83.8110, 0.3096, 0.3547$, and the grayscale version is $76.6189, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.5152, 0.3169, 0.2990$ is the 20% darker color. If you saturate the color by 10%, you get $62.7579, 0.3194, 0.2820$, and if you desaturate by 10%, it is $88.0074, 0.3130, 0.3266$.

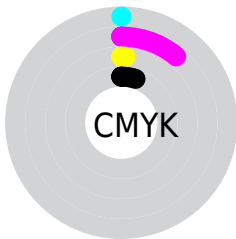
Distribution



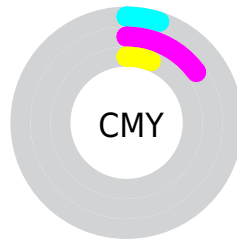
- Red (95%)
- Green (85%)
- Blue (94%)



- Red (95%)
- Yellow (85%)
- Blue (94%)



- Cyan (0%)
- Magenta (11%)
- Yellow (1%)
- Black (5%)




- Cyan (5%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.4577, 0.3160, 0.3046 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 74.4577, 0.3160, 0.3046 by changing the saturation by 10% instead.

 74.4577, 0.3160,
0.3046

 74.4577, 0.3160,
0.3046

476.0515, 0.3146,
0.3156

 55.1687, 0.3163,
0.3021

125.5444, 0.3155,
0.3084

 39.5368, 0.3167,
0.2991

158.1110, 0.3153,
0.3099

 27.1776, 0.3171,
0.2954


195.8721, 0.3152,
0.3111

 17.7067, 0.3176,
0.2905

239.2124, 0.3150,
0.3123

 10.7396, 0.3183,
0.2840

288.5160, 0.3149,
0.3133

 5.8920, 0.3192,
0.2749

344.1675, 0.3148,

 2.7795, 0.3204,

0.3141

0.2613

406.5512, 0.3147,
0.3149

■ 1.0177, 0.3218,
0.2385

■ 0.0000, 0.3318,
0.0000

■ 74.4577, 0.3160,
0.3046

■ 74.4577, 0.3160,
0.3046

■ 62.7579, 0.3194,
0.2820

■ 88.0074, 0.3130,
0.3266

■ 52.8178, 0.3231,
0.2593

■ 97.1894, 0.3108,
0.3384

■ 44.5541, 0.3271,
0.2375

■ 97.3552, 0.3093,
0.3358

■ 37.8732, 0.3314,
0.2175

■ 97.5234, 0.3077,
0.3331

■ 32.6719, 0.3357,
0.2001

■ 97.6940, 0.3062,
0.3305

■ 28.8351, 0.3401,
0.1864

■ 97.7933, 0.3054,
0.3290

■ 26.2307, 0.3443,
0.1771

■ 24.7002, 0.3482,
0.1722

■ 24.0163, 0.3515,
0.1710

Harmonies

Analogous

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



74.4577, 0.2973, 0.2979



74.4577, 0.3160, 0.3046



74.4577, 0.3343, 0.3174

Triad

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



74.4577, 0.3160, 0.3046



74.4577, 0.3427, 0.3594



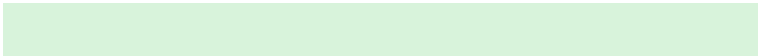
74.4577, 0.2797, 0.3231

Complementary

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



74.4577, 0.3160, 0.3046



83.8110, 0.3096, 0.3547

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.



74.4577, 0.2912, 0.3408



74.4577, 0.3160, 0.3046



74.4577, 0.3275, 0.3622

Square

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



74.4577, 0.3160, 0.3046



74.4577, 0.3499, 0.3486



74.4577, 0.3086, 0.3553



74.4577, 0.2768, 0.3079

Rectangle

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



74.4577, 0.3160, 0.3046



74.4577, 0.3436, 0.3278



74.4577, 0.3086, 0.3553



74.4577, 0.2827, 0.3290

Sweetspot

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



74.4609, 0.3160, 0.3046



95.1614, 0.3136, 0.3225



70.6012, 0.2970, 0.3002



20.0986, 0.3138, 0.3208



0.0000, 0.0000, 0.0000



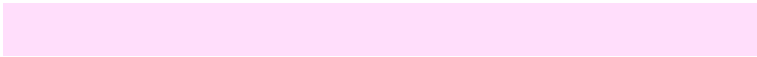
21.4041, 0.3127, 0.3290

Same Dimension

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



74.4609, 0.3160, 0.3046



80.4088, 0.3166, 0.3003



73.7044, 0.3250, 0.3179



16.7348, 0.3155, 0.3082



13.1945, 0.3509, 0.1707



1.1685, 0.3467, 0.1683

Inverse Universe

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



74.4609, 0.3160, 0.3046



80.4088, 0.3166, 0.3003



84.5343, 0.3018, 0.3404



16.7348, 0.3155, 0.3082



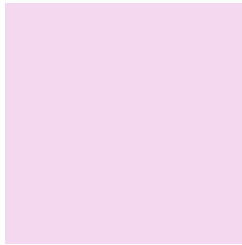
13.1945, 0.3509, 0.1707



1.1685, 0.3467, 0.1683

Previews

White Background



This preview shows how the Yxy color 74.4577, 0.3160, 0.3046 looks on a white background.

Color Contrast Check

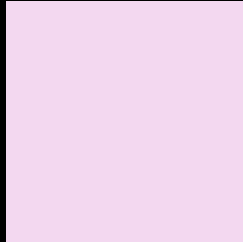
Large Text (above 18pt) WCAG AA × Fail

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 74.4577, 0.3160, 0.3046 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

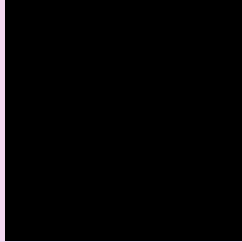
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.4577, 0.3160, 0.3046

Background



This preview shows how black text looks on a background with the Yxy color 74.4577, 0.3160, 0.3046.



This preview shows how white text looks on a background with the Yxy color 74.4577, 0.3160, 0.3046.

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

74.4577, 0.3160, 0.3046

Protanopia

74.8366, 0.2987, 0.3069

Deuteranopia

74.7848, 0.3131, 0.3065



Tritanopia

74.4435, 0.3193, 0.3116

Trichromacy



Original Color

74.4577, 0.3160, 0.3046

Protanomaly

74.4805, 0.3048, 0.3051

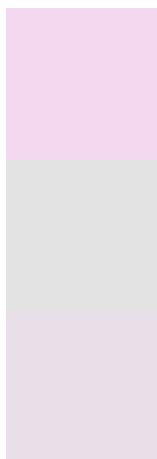
Deuteranomaly

74.4422, 0.3138, 0.3055

Tritanomaly

74.5591, 0.3179, 0.3096

Monochromacy



Original Color

74.4577, 0.3160, 0.3046

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.9252, 0.3139, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4577, 0.3160, 0.3046 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(243, 216, 240)` looks like.

```
.text, #text, p{  
    color:rgb(243, 216, 240)  
}
```

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(243, 216, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 216, 240) }
```

Border

The CSS property to change the border of an element to Yxy 74.4577, 0.3160, 0.3046 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(243, 216, 240) }
```

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

```
.border{ border-color:rgb(243, 216, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 216, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 216, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 216, 240);  
box-shadow:4px 4px 4px 4px rgb(243, 216,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4577, 0.3160, 0.3046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 216, 240) }
```

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

```
.background{ background-color: rgb(243,  
216, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor