

Converting Colors

$Y_{xy}(77.6013, 0.3165, 0.3056)$

Have a look what the booklet for
Yxy(77.6013, 0.3165, 0.3056)
contains.

Yxy(77.4922, 0.3160, 0.3050)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(77.4922, 0.3160, 0.3050)

Conversions

Conversions Part 1

Format	Color
Hex	F7DCF4
RGB	247, 220, 244
RGB Percent	97%, 86%, 96%
CMY	0.0312, 0.1373, 0.0432
CMYK	0.00, 0.11, 0.01, 0.03
HSL	307°, 63%, 92%
HSV	307°, 11%, 97%
XYZ	80.2870, 77.4922, 96.2936
YIQ	230.8090, 8.3880, 13.1880

Conversions

Conversions Part 2

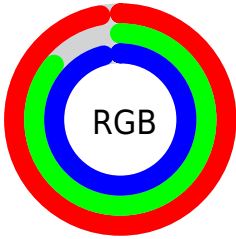
Format	Color
R _Y B	247, 220, 244
Decimal	16243956
CIE Lab	90.55, 13.39, -8.27
CIE LCh	91, 15.740, 328.300
Yxy	77.4922, 0.3160, 0.3050
Android (android.graphics.Color)	4294434036 (0xFFF7DCF4)
YUV	230.8090, 6.5032, 14.1995
Hunter-Lab	88.0297, 8.7481, -3.2352

Details

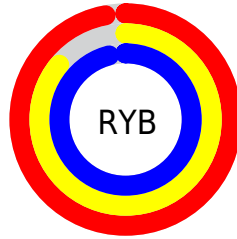
The Yxy color $77.4922, 0.3160, 0.3050$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $87.0917, 0.3096, 0.3542$, and the grayscale version is $79.7120, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $41.6175, 0.3168, 0.2996$ is the 20% darker color. If you saturate the color by 10%, you get $65.3038, 0.3194, 0.2824$, and if you desaturate by 10%, it is $91.6059, 0.3130, 0.3270$.

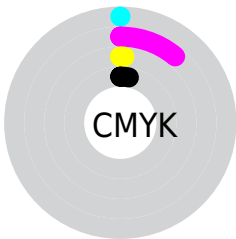
Distribution



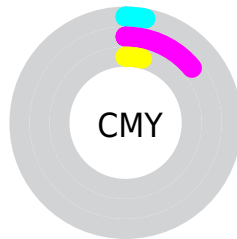
- Red (97%)
- Green (86%)
- Blue (96%)



- Red (97%)
- Yellow (86%)
- Blue (96%)



- Cyan (0%)
- Magenta (11%)
- Yellow (1%)
- Black (3%)





- Cyan (3%)
- Magenta (14%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.4922, 0.3160, 0.3050 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 77.4922, 0.3160, 0.3050 by changing the saturation by 10% instead.


 77.4922, 0.3160,
0.3050

 77.4922, 0.3160,
0.3050

486.4406, 0.3146,
0.3158

 57.6569, 0.3163,
0.3026


129.8340, 0.3155,
0.3087

 41.5329, 0.3166,
0.2997


163.1094, 0.3153,
0.3101

 28.7357, 0.3171,
0.2961


201.6336, 0.3152,
0.3114

 18.8810, 0.3176,
0.2914

245.7910, 0.3150,
0.3125

 11.5843, 0.3183,
0.2852

295.9660, 0.3149,
0.3134

 6.4613, 0.3192,
0.2766

352.5430, 0.3148,

 3.1276, 0.3203,

0.3143

0.2638

415.9064, 0.3147,
0.3151

■ 1.1987, 0.3218,
0.2429

■ 0.0606, 0.3530,
0.0557

■ 77.4922, 0.3160,
0.3050

■ 77.4922, 0.3160,
0.3050

■ 65.3038, 0.3194,
0.2824

■ 91.6059, 0.3130,
0.3270

■ 54.9469, 0.3232,
0.2598

■ 98.1768, 0.3109,
0.3342

■ 46.3350, 0.3273,
0.2380

■ 98.3533, 0.3093,
0.3315

■ 39.3705, 0.3316,
0.2179

■ 98.5214, 0.3078,
0.3290

■ 33.9464, 0.3361,
0.2006

■ 29.9429, 0.3406,
0.1869

■ 27.2226, 0.3449,
0.1775

■ 25.6210, 0.3489,
0.1726

■ 24.8987, 0.3523,
0.1714

Harmonies

Analogous

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



77.4922, 0.2976, 0.2983



77.4922, 0.3160, 0.3050



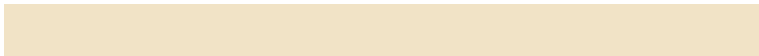
77.4922, 0.3340, 0.3176

Triad

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



77.4922, 0.3160, 0.3050



77.4922, 0.3422, 0.3590



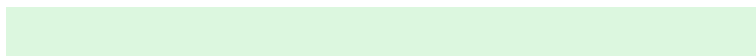
77.4922, 0.2802, 0.3232

Complementary

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



77.4922, 0.3160, 0.3050



87.0917, 0.3096, 0.3542

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.



77.4922, 0.2915, 0.3405



77.4922, 0.3160, 0.3050



77.4922, 0.3272, 0.3616

Square

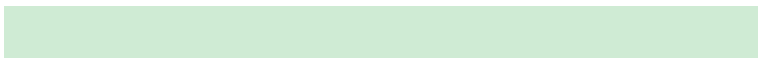
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



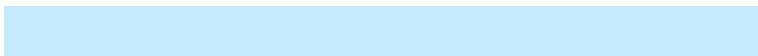
77.4922, 0.3160, 0.3050



77.4922, 0.3493, 0.3484



77.4922, 0.3086, 0.3549



77.4922, 0.2774, 0.3082

Rectangle

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



77.4922, 0.3160, 0.3050



77.4922, 0.3431, 0.3279



77.4922, 0.3086, 0.3549



77.4922, 0.2831, 0.3290

Sweetspot

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



77.4956, 0.3160, 0.3050



95.1601, 0.3136, 0.3225



73.5422, 0.2973, 0.3006



20.0983, 0.3138, 0.3208



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

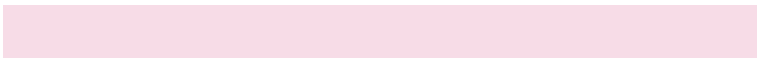
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.4956, 0.3160, 0.3050



80.4034, 0.3167, 0.3004



76.7243, 0.3248, 0.3181



16.7341, 0.3155, 0.3083



13.1768, 0.3517, 0.1711



1.1671, 0.3473, 0.1687

Inverse Universe

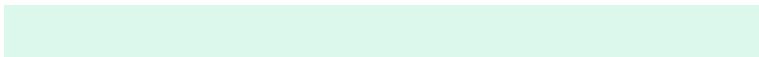
The Inverse Universe completely reimagines the original color for something new.



77.4956, 0.3160, 0.3050



80.4034, 0.3167, 0.3004



87.8298, 0.3020, 0.3402



16.7341, 0.3155, 0.3083



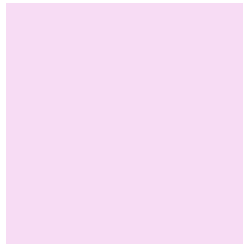
13.1768, 0.3517, 0.1711



1.1671, 0.3473, 0.1687

Previews

White Background



This preview shows how the Yxy color 77.4922, 0.3160, 0.3050 looks on a white background.

Color Contrast Check

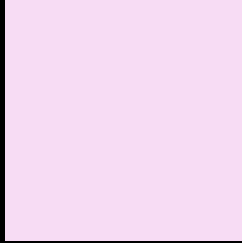
Large Text (above 18pt) WCAG AA × Fail

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 77.4922, 0.3160, 0.3050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

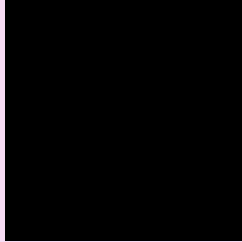
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.4922, 0.3160, 0.3050

Background



This preview shows how black text looks on a background with the Yxy color 77.4922, 0.3160, 0.3050.



This preview shows how white text looks on a background with the Yxy color 77.4922, 0.3160, 0.3050.

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

77.4922, 0.3160, 0.3050

Protanopia

77.8842, 0.2989, 0.3072

Deuteranopia

77.2992, 0.3131, 0.3058



Tritanopia

77.4788, 0.3192, 0.3119

Trichromacy



Original Color

77.4922, 0.3160, 0.3050

Protanomaly

77.5191, 0.3049, 0.3055

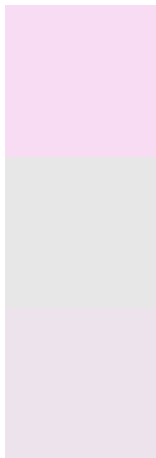
Deuteranomaly

77.4777, 0.3138, 0.3058

Tritanomaly

77.5970, 0.3178, 0.3099

Monochromacy



Original Color

77.4922, 0.3160, 0.3050

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

78.9988, 0.3138, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.4922, 0.3160, 0.3050 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(247, 220, 244)` looks like.

```
.text, #text, p{  
    color:rgb(247, 220, 244)  
}
```

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(247, 220, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 220, 244) }
```

Border

The CSS property to change the border of an element to Yxy 77.4922, 0.3160, 0.3050 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(247, 220, 244) }
```

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

```
.border{ border-color:rgb(247, 220, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 220, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 220, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 220, 244);  
box-shadow:4px 4px 4px 4px rgb(247, 220,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 77.4922, 0.3160, 0.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 220, 244) }
```

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

```
.background{ background-color: rgb(247,  
220, 244) }
```

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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