

Converting Colors

$Yxy(77.9844, 0.3140, 0.3017)$

Have a look what the booklet for
Yxy(77.9844, 0.3140, 0.3017)
contains.

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Color

Yxy(77.9202, 0.3140, 0.3012)

Conversions

Conversions Part 1

Format	Color
Hex	F8DCF8
RGB	248, 220, 248
RGB Percent	97%, 86%, 97%
CMY	0.0276, 0.1372, 0.0275
CMYK	0.00, 0.11, 0.00, 0.03
HSL	300°, 67%, 92%
HSV	300°, 11%, 97%
XYZ	81.2315, 77.9202, 99.5475
YIQ	231.5640, 7.7000, 14.6440

Conversions

Conversions Part 2

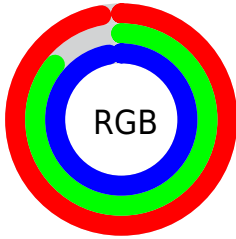
Format	Color
R _Y B	248, 220, 248
Decimal	16309496
CIE Lab	90.74, 14.39, -10.07
CIE LCh	91, 17.568, 325.019
Yxy	77.9202, 0.3140, 0.3012
Android (android.graphics.Color)	4294499576 (0xFFF8DCF8)
YUV	231.5640, 8.1029, 14.4144
Hunter-Lab	88.2724, 9.7856, -5.0724

Details

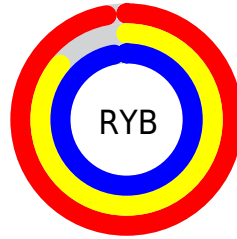
The Yxy color **77.9202, 0.3140, 0.3012** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **87.5149, 0.3114, 0.3585**, and the grayscale version is **80.2851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.7924, 0.3134, 0.2946** is the 20% darker color. If you saturate the color by 10%, you get **65.8513, 0.3152, 0.2760**, and if you desaturate by 10%, it is **91.9266, 0.3129, 0.3259**.

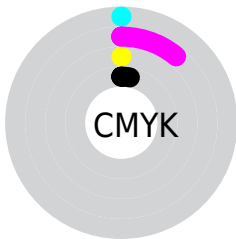
Distribution



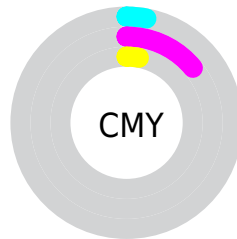
- Red (97%)
- Green (86%)
- Blue (97%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.9202, 0.3140, 0.3012 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 77.9202, 0.3140, 0.3012 by changing the saturation by 10% instead.


 77.9202, 0.3140,
0.3012

 77.9202, 0.3140,
0.3012

487.8958, 0.3135,
0.3136

 58.0084, 0.3141,
0.2985

130.4376, 0.3139,
0.3054

 41.8154, 0.3142,
0.2951


163.8121, 0.3138,
0.3071

 28.9568, 0.3142,
0.2910

202.4428, 0.3137,
0.3086

 19.0481, 0.3143,
0.2856

246.7144, 0.3137,
0.3098

 11.7051, 0.3144,
0.2786

297.0110, 0.3137,
0.3109

 6.5432, 0.3143,
0.2689

353.7172, 0.3136,

 3.1781, 0.3140,

0.3119

0.2545

417.2173, 0.3136,
0.3128

■ 1.2254, 0.3130,
0.2314

■ 0.0823, 0.3290,
0.0630

■ 77.9202, 0.3140,
0.3012

■ 77.9202, 0.3140,
0.3012

■ 65.8513, 0.3152,
0.2760

■ 91.9266, 0.3129,
0.3259

■ 55.6251, 0.3163,
0.2511

■ 98.2527, 0.3124,
0.3358

■ 47.1540, 0.3174,
0.2274

■ 98.2574, 0.3124,
0.3358

■ 40.3392, 0.3184,
0.2058

■ 98.2621, 0.3124,
0.3358

35.0724, 0.3192,
0.1873

98.2668, 0.3125,
0.3358

31.2321, 0.3199,
0.1727

98.2715, 0.3125,
0.3358

28.6792, 0.3203,
0.1624

98.2762, 0.3125,
0.3358

27.2461, 0.3206,
0.1564

98.2809, 0.3125,
0.3358

26.6818, 0.3207,
0.1540

98.2856, 0.3125,
0.3358

Harmonies

Analogous

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



77.9202, 0.2938, 0.2947



77.9202, 0.3140, 0.3012



77.9202, 0.3344, 0.3145

Triad

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



77.9202, 0.3140, 0.3012



77.9202, 0.3470, 0.3614



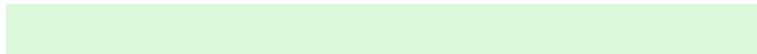
77.9202, 0.2775, 0.3245

Complementary

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



77.9202, 0.3140, 0.3012



87.5149, 0.3114, 0.3585

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.



77.9202, 0.2909, 0.3439



77.9202, 0.3140, 0.3012



77.9202, 0.3309, 0.3656

Square

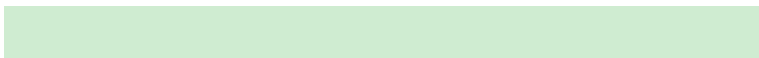
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



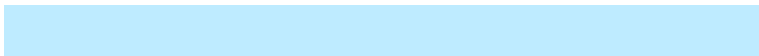
77.9202, 0.3140, 0.3012



77.9202, 0.3538, 0.3488



77.9202, 0.3104, 0.3592



77.9202, 0.2733, 0.3073

Rectangle

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



77.9202, 0.3140, 0.3012



77.9202, 0.3452, 0.3258



77.9202, 0.3104, 0.3592



77.9202, 0.2811, 0.3310

Sweetspot

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



77.9236, 0.3140, 0.3012



95.2143, 0.3131, 0.3217



73.4409, 0.2949, 0.3000



20.1130, 0.3131, 0.3197



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.



77.9236, 0.3140, 0.3012



79.2927, 0.3143, 0.2943



77.1203, 0.3230, 0.3145



17.5236, 0.3138, 0.3056



14.4167, 0.3207, 0.1540



1.3355, 0.3207, 0.1540

Inverse Universe

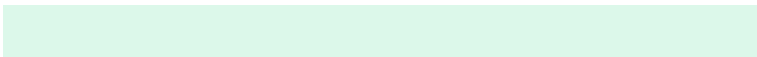
The Inverse Universe completely reimagines the original color for something new.



76.3231, 0.3329, 0.3290



77.2120, 0.3387, 0.3290



88.2556, 0.3035, 0.3440



17.2255, 0.3294, 0.3290



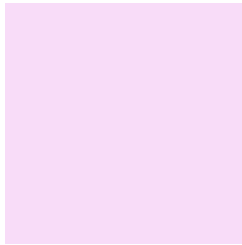
10.7809, 0.6400, 0.3299



0.9986, 0.6397, 0.3298

Previews

White Background



This preview shows how the Yxy color 77.9202, 0.3140, 0.3012 looks on a white background.

Color Contrast Check

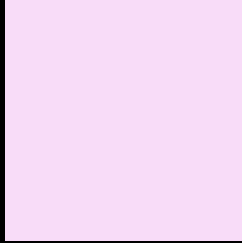
Large Text (above 18pt) WCAG AA × Fail

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 77.9202, 0.3140, 0.3012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

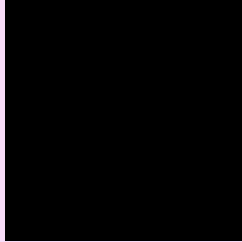
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.9202, 0.3140, 0.3012

Background



This preview shows how black text looks on a background with the Yxy color 77.9202, 0.3140, 0.3012.

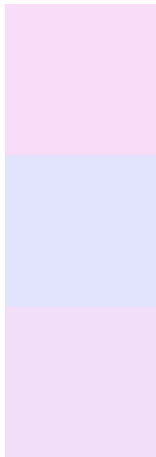


This preview shows how white text looks on a background with the Yxy color 77.9202, 0.3140, 0.3012.

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

77.9202, 0.3140, 0.3012

Protanopia

78.1352, 0.2965, 0.3032

Deuteranopia

77.8971, 0.3098, 0.3028



Tritanopia

78.2487, 0.3191, 0.3119

Trichromacy



Original Color

77.9202, 0.3140, 0.3012

Protanomaly

77.7688, 0.3024, 0.3015

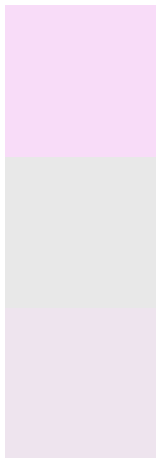
Deuteranomaly

77.7233, 0.3112, 0.3019

Tritanomaly

77.8979, 0.3172, 0.3080

Monochromacy



Original Color

77.9202, 0.3140, 0.3012

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

79.8370, 0.3132, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.9202, 0.3140, 0.3012 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(248, 220, 248)` looks like.

```
.text, #text, p{  
    color:rgb(248, 220, 248)  
}
```

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(248, 220, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 220, 248) }
```

Border

The CSS property to change the border of an element to Yxy 77.9202, 0.3140, 0.3012 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(248, 220, 248) }
```

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

```
.border{ border-color:rgb(248, 220, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 220, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 220, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 220, 248);  
box-shadow:4px 4px 4px 4px rgb(248, 220,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 77.9202, 0.3140, 0.3012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 220, 248) }
```

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

```
.background{ background-color: rgb(248,  
220, 248) }
```

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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