

Converting Colors

$Yxy(78.6644, 0.3181, 0.3067)$

Have a look what the booklet for
Yxy(78.6644, 0.3181, 0.3067)
contains.

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Color

Yxy(78.5685, 0.3180, 0.3062)

Conversions

Conversions Part 1

Format	Color
Hex	FADDF4
RGB	250, 221, 244
RGB Percent	98%, 87%, 96%
CMY	0.0197, 0.1332, 0.0433
CMYK	0.00, 0.12, 0.02, 0.02
HSL	312°, 74%, 92%
HSV	312°, 12%, 98%
XYZ	81.5963, 78.5685, 96.4273
YIQ	232.2930, 9.9010, 13.3010

Conversions

Conversions Part 2

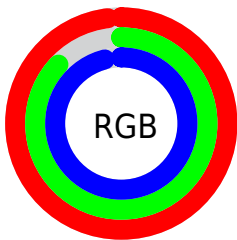
Format	Color
R _Y B	250, 221, 244
Decimal	16440820
CIE Lab	91.04, 13.83, -7.51
CIE LCh	91, 15.740, 331.488
Yxy	78.5685, 0.3180, 0.3062
Android (android.graphics.Color)	4294630900 (0xFFFADDF4)
YUV	232.2930, 5.7716, 15.5290
Hunter-Lab	88.6389, 9.1997, -2.4524

Details

The Yxy color **78.5685, 0.3180, 0.3062** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.2720, 0.3078, 0.3529**, and the grayscale version is **80.8758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.2407, 0.3186, 0.3010** is the 20% darker color. If you saturate the color by 10%, you get **66.0286, 0.3233, 0.2858**, and if you desaturate by 10%, it is **93.0891, 0.3134, 0.3260**.

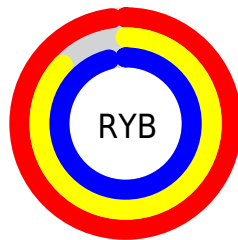
Distribution



Red (98%)

Green (87%)

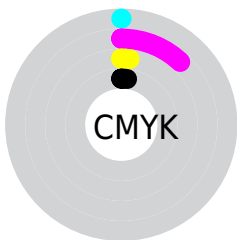
Blue (96%)



Red (98%)

Yellow (87%)

Blue (96%)

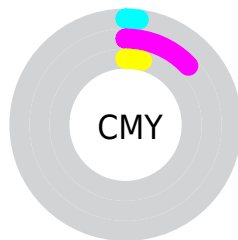


Cyan (0%)

Magenta (12%)

Yellow (2%)

Black (2%)



Cyan (2%)


Magenta (13%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.5685, 0.3180, 0.3062 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 78.5685, 0.3180, 0.3062 by changing the saturation by 10% instead.


 78.5685, 0.3180,
0.3062

 78.5685, 0.3180,
0.3062

490.0954, 0.3157,
0.3164

 58.5411, 0.3185,
0.3039


131.3512, 0.3172,
0.3097

 42.2438, 0.3191,
0.3012


164.8753, 0.3169,
0.3111

 29.2923, 0.3199,
0.2978


203.6671, 0.3166,
0.3122

 19.3020, 0.3208,
0.2934

248.1110, 0.3164,
0.3133

 11.8887, 0.3220,
0.2875

298.5914, 0.3162,
0.3142

 6.6679, 0.3237,
0.2794

355.4927, 0.3160,

 3.2553, 0.3261,

0.3150

0.2674

419.1992, 0.3158,
0.3158

1.2664, 0.3297,
0.2478

0.1150, 0.3686,
0.0948

78.5685, 0.3180,
0.3062

78.5685, 0.3180,
0.3062

66.0286, 0.3233,
0.2858

93.0891, 0.3134,
0.3260

55.3727, 0.3294,
0.2652

99.0141, 0.3100,
0.3296

46.5111, 0.3363,
0.2453

99.0575, 0.3096,
0.3290

39.3427, 0.3438,
0.2269

■ 33.7567, 0.3517,
0.2110

■ 29.6287, 0.3600,
0.1988

■ 26.8157, 0.3683,
0.1909

■ 25.1459, 0.3763,
0.1877

■ 24.4034, 0.3827,
0.1882

Harmonies

Analogous

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



78.5685, 0.2995, 0.2988



78.5685, 0.3180, 0.3062



78.5684, 0.3355, 0.3192

Triad

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



78.5685, 0.3180, 0.3062



78.5685, 0.3408, 0.3595



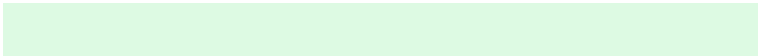
78.5685, 0.2796, 0.3215

Complementary

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



78.5685, 0.3180, 0.3062



89.2720, 0.3078, 0.3529

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.



78.5685, 0.2901, 0.3387



78.5685, 0.3180, 0.3062



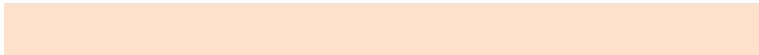
78.5685, 0.3253, 0.3612

Square

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



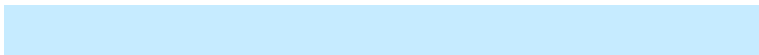
78.5685, 0.3180, 0.3062



78.5685, 0.3489, 0.3497



78.5685, 0.3067, 0.3535



78.5685, 0.2778, 0.3070

Rectangle

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



78.5685, 0.3180, 0.3062



78.5685, 0.3441, 0.3296



78.5685, 0.3067, 0.3535



78.5685, 0.2822, 0.3271

Sweetspot

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



78.5719, 0.3180, 0.3062



95.1142, 0.3140, 0.3232



74.9247, 0.2982, 0.2990



20.0859, 0.3143, 0.3216



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

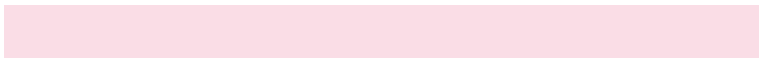
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.5719, 0.3180, 0.3062



78.8325, 0.3192, 0.3013



77.7387, 0.3276, 0.3203



17.4593, 0.3170, 0.3104



12.9700, 0.3815, 0.1875



1.2162, 0.3729, 0.1828

Inverse Universe

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



78.5719, 0.3180, 0.3062



78.8325, 0.3192, 0.3013



90.0927, 0.2997, 0.3379



17.4593, 0.3170, 0.3104



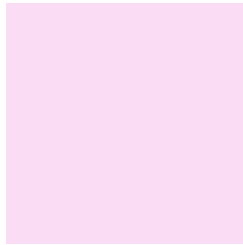
12.9700, 0.3815, 0.1875



1.2162, 0.3729, 0.1828

Previews

White Background



This preview shows how the Yxy color 78.5685, 0.3180, 0.3062 looks on a white background.

Color Contrast Check

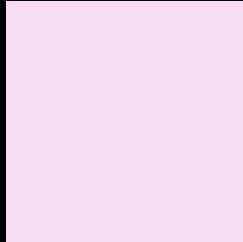
Large Text (above 18pt) WCAG AA × Fail

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 78.5685, 0.3180, 0.3062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

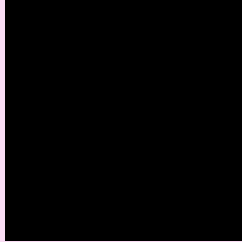
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

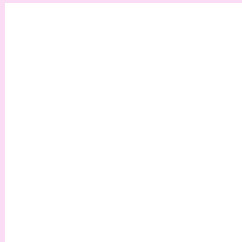
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.5685, 0.3180, 0.3062

Background



This preview shows how black text looks on a background with the Yxy color 78.5685, 0.3180, 0.3062.



This preview shows how white text looks on a background with the Yxy color 78.5685, 0.3180, 0.3062.

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

78.5685, 0.3180, 0.3062

Protanopia

78.7581, 0.3002, 0.3084

Deuteranopia

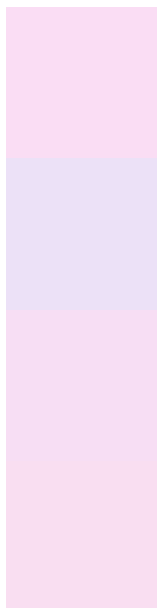
78.7195, 0.3144, 0.3079



Tritanopia

78.6143, 0.3206, 0.3120

Trichromacy



Original Color

78.5685, 0.3180, 0.3062

Protanomaly

78.3987, 0.3062, 0.3066

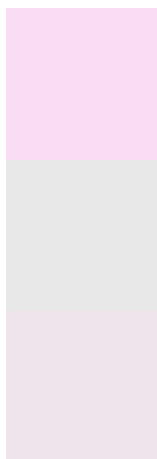
Deuteranomaly

78.5484, 0.3158, 0.3070

Tritanomaly

78.7332, 0.3192, 0.3100

Monochromacy



Original Color

78.5685, 0.3180, 0.3062

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

79.8937, 0.3152, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.5685, 0.3180, 0.3062 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(250, 221, 244)` looks like.

```
.text, #text, p{  
    color:rgb(250, 221, 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(250, 221, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 221, 244) }
```

Border

The CSS property to change the border of an element to Yxy 78.5685, 0.3180, 0.3062 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(250, 221, 244) }
```

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

```
.border{ border-color:rgb(250, 221, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 221, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 221, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 221, 244);  
box-shadow:4px 4px 4px 4px rgb(250, 221,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 78.5685, 0.3180, 0.3062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 221, 244) }
```

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

```
.background{ background-color: rgb(250,  
221, 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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