

Converting Colors

Yxy(78.4152, 0.3186, 0.3032)

Have a look what the booklet for
Yxy(78.4152, 0.3186, 0.3032)
contains.

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Color

Yxy(78.5357, 0.3181, 0.3033)

Conversions

Conversions Part 1

Format	Color
Hex	FCDCF6
RGB	252, 220, 246
RGB Percent	99%, 86%, 96%
CMY	0.0119, 0.1372, 0.0352
CMYK	0.00, 0.13, 0.02, 0.01
HSL	311°, 84%, 93%
HSV	311°, 13%, 99%
XYZ	82.3680, 78.5357, 98.0337
YIQ	232.5320, 10.7260, 14.8700

Conversions

Conversions Part 2

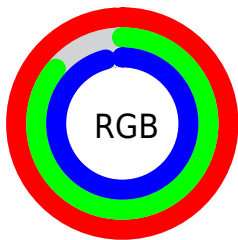
Format	Color
R _Y B	252, 220, 246
Decimal	16571638
CIE Lab	91.02, 15.39, -8.60
CIE LCh	91, 17.628, 330.802
Yxy	78.5357, 0.3181, 0.3033
Android (android.graphics.Color)	4294761718 (0xFFFCDCF6)
YUV	232.5320, 6.6397, 17.0734
Hunter-Lab	88.6204, 10.8207, -3.5536

Details

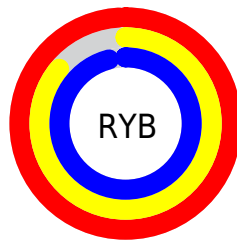
The Yxy color $78.5357, 0.3181, 0.3033$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $90.3069, 0.3078, 0.3561$, and the grayscale version is $81.0598, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $42.2301, 0.3188, 0.2975$ is the 20% darker color. If you saturate the color by 10%, you get $66.0099, 0.3231, 0.2823$, and if you desaturate by 10%, it is $93.0688, 0.3138, 0.3237$.

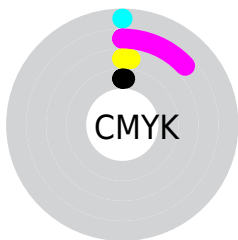
Distribution



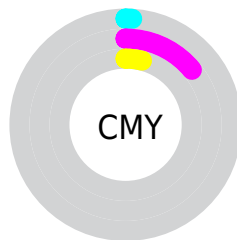
- Red (99%)
- Green (86%)
- Blue (96%)



- Red (99%)
- Yellow (86%)
- Blue (96%)



- Cyan (0%)
- Magenta (13%)
- Yellow (2%)
- Black (1%)





- Cyan (1%)
- Magenta (14%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.5357, 0.3181, 0.3033 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 78.5357, 0.3181, 0.3033 by changing the saturation by 10% instead.


 78.5357, 0.3181,
0.3033

 78.5357, 0.3181,
0.3033


489.9842, 0.3158,
0.3148

 58.5141, 0.3186,
0.3008


131.3050, 0.3173,
0.3072

 42.2221, 0.3192,
0.2977

164.8216, 0.3170,
0.3088

 29.2753, 0.3200,
0.2938


203.6052, 0.3167,
0.3101

 19.2892, 0.3209,
0.2889

248.0404, 0.3165,
0.3113

 11.8794, 0.3221,
0.2824

298.5115, 0.3163,
0.3123

 6.6616, 0.3237,
0.2734

355.4029, 0.3161,

 3.2514, 0.3259,

0.3132

0.2602

419.0990, 0.3159,
0.3140

■ 1.2643, 0.3292,
0.2387

■ 0.1133, 0.3658,
0.0858

■ 78.5357, 0.3181,
0.3033

■ 78.5357, 0.3181,
0.3033

■ 66.0099, 0.3231,
0.2823

■ 93.0688, 0.3138,
0.3237

■ 55.3924, 0.3287,
0.2613

■ 99.4296, 0.3108,
0.3290

■ 46.5907, 0.3350,
0.2411

■ 39.5010, 0.3418,
0.2225

■ 34.0087, 0.3490,
0.2067

■ 29.9853, 0.3563,
0.1946

■ 27.2825, 0.3636,
0.1869

■ 25.7206, 0.3706,
0.1839

■ 25.1062, 0.3754,
0.1842

Harmonies

Analogous

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



78.5357, 0.2974, 0.2953



78.5357, 0.3181, 0.3033



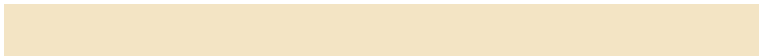
78.5357, 0.3379, 0.3177

Triad

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



78.5357, 0.3181, 0.3033



78.5357, 0.3445, 0.3630



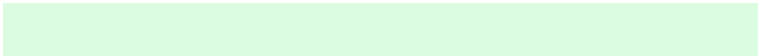
78.5357, 0.2759, 0.3209

Complementary

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



78.5357, 0.3181, 0.3033



90.3069, 0.3078, 0.3561

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.



78.5357, 0.2877, 0.3403



78.5357, 0.3181, 0.3033



78.5357, 0.3272, 0.3652

Square

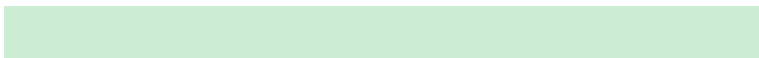
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



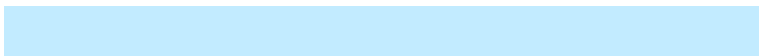
78.5357, 0.3181, 0.3033



78.5357, 0.3534, 0.3517



78.5357, 0.3064, 0.3569



78.5357, 0.2736, 0.3046

Rectangle

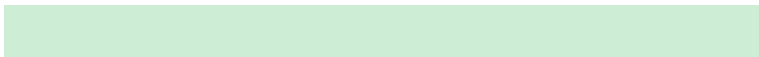
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.5357, 0.3181, 0.3033



78.5357, 0.3476, 0.3292



78.5357, 0.3064, 0.3569



78.5357, 0.2789, 0.3273

Sweetspot

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



78.5391, 0.3181, 0.3033



93.5425, 0.3143, 0.3210



74.3679, 0.2963, 0.2959



19.7702, 0.3146, 0.3195



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.



78.5391, 0.3181, 0.3033



77.5279, 0.3192, 0.2985



77.6038, 0.3289, 0.3189



17.4660, 0.3166, 0.3099



13.1024, 0.3744, 0.1836



1.2273, 0.3668, 0.1794

Inverse Universe

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



78.5391, 0.3181, 0.3033



77.5279, 0.3192, 0.2985



91.2206, 0.2988, 0.3394



17.4660, 0.3166, 0.3099



13.1024, 0.3744, 0.1836



1.2273, 0.3668, 0.1794

Previews

White Background



This preview shows how the Yxy color 78.5357, 0.3181, 0.3033 looks on a white background.

Color Contrast Check

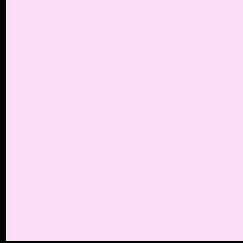
Large Text (above 18pt) WCAG AA × Fail

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 78.5357, 0.3181, 0.3033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

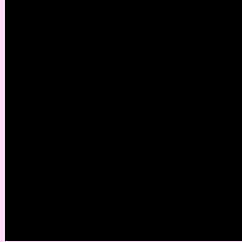
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.5357, 0.3181, 0.3033

Background



This preview shows how black text looks on a background with the Yxy color 78.5357, 0.3181, 0.3033.



This preview shows how white text looks on a background with the Yxy color 78.5357, 0.3181, 0.3033.

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

78.5357, 0.3181, 0.3033

Protanopia

78.7827, 0.2978, 0.3053

Deuteranopia

78.6010, 0.3131, 0.3069



Tritanopia

78.4541, 0.3220, 0.3111

Trichromacy



Original Color

78.5357, 0.3181, 0.3033

Protanomaly

78.5228, 0.3050, 0.3046

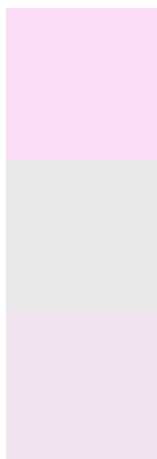
Deuteranomaly

78.6093, 0.3152, 0.3060

Tritanomaly

78.6329, 0.3200, 0.3081

Monochromacy



Original Color

78.5357, 0.3181, 0.3033

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

80.1851, 0.3146, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.5357, 0.3181, 0.3033 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(252, 220, 246)` looks like.

```
.text, #text, p{  
    color:rgb(252, 220, 246)  
}
```

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(252, 220, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 220, 246) }
```

Border

The CSS property to change the border of an element to Yxy 78.5357, 0.3181, 0.3033 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(252, 220, 246) }
```

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

```
.border{ border-color:rgb(252, 220, 246) }
```

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

Here you see how a box with a 4 pixel rgb(252, 220, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 220, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 220, 246);  
box-shadow:4px 4px 4px 4px rgb(252, 220,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 78.5357, 0.3181, 0.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 220, 246) }
```

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

```
.background{ background-color: rgb(252,  
220, 246) }
```

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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