

Converting Colors

$Yxy(76.4894, 0.3138, 0.2994)$

Have a look what the booklet for
Yxy(76.4894, 0.3138, 0.2994)
contains.

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Color

Yxy(76.6324, 0.3141, 0.3000)

Conversions

Conversions Part 1

Format	Color
Hex	F7DAF7
RGB	247, 218, 247
RGB Percent	97%, 85%, 97%
CMY	0.0312, 0.1452, 0.0313
CMYK	0.00, 0.12, 0.00, 0.03
HSL	300°, 65%, 91%
HSV	300°, 12%, 97%
XYZ	80.2341, 76.6324, 98.5748
YIQ	229.9770, 7.9750, 15.1670

Conversions

Conversions Part 2

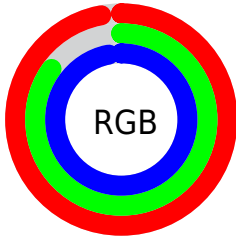
Format	Color
R _Y B	247, 218, 247
Decimal	16243447
CIE Lab	90.15, 14.99, -10.46
CIE LCh	90, 18.280, 325.105
Yxy	76.6324, 0.3141, 0.3000
Android (android.graphics.Color)	4294433527 (0xFFF7DAF7)
YUV	229.9770, 8.3923, 14.9292
Hunter-Lab	87.5399, 10.4081, -5.4859

Details

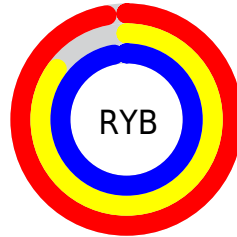
The Yxy color **76.6324, 0.3141, 0.3000** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.5210, 0.3112, 0.3598**, and the grayscale version is **79.0518, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.0323, 0.3144, 0.2933** is the 20% darker color. If you saturate the color by 10%, you get **64.7626, 0.3153, 0.2748**, and if you desaturate by 10%, it is **90.4185, 0.3129, 0.3247**.

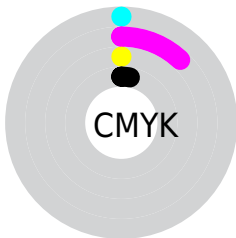
Distribution



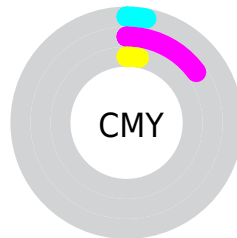
- Red (97%)
- Green (85%)
- Blue (97%)



- Red (97%)
- Yellow (85%)
- Blue (97%)



- Cyan (0%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)





- Cyan (3%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.6324, 0.3141, 0.3000 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 76.6324, 0.3141, 0.3000 by changing the saturation by 10% instead.


 76.6324, 0.3141,
0.3000

 76.6324, 0.3141,
0.3000


483.5098, 0.3136,
0.3130

 56.9512, 0.3142,
0.2971


128.6204, 0.3140,
0.3044

 40.9661, 0.3143,
0.2936


161.6961, 0.3139,
0.3062

 28.2926, 0.3144,
0.2893


200.0054, 0.3138,
0.3077

 18.5463, 0.3144,
0.2837

243.9327, 0.3138,
0.3090

 11.3429, 0.3145,
0.2763

293.8623, 0.3137,
0.3102

 6.2980, 0.3144,
0.2660

350.1788, 0.3137,

 3.0271, 0.3141,

0.3112

0.2509

413.2665, 0.3136,
0.3122

■ 1.1459, 0.3129,
0.2263

■ 0.0168, 0.3327,
0.0147

■ 76.6324, 0.3141,
0.3000

■ 76.6324, 0.3141,
0.3000

■ 64.7626, 0.3153,
0.2748

■ 90.4185, 0.3129,
0.3247

■ 54.7150, 0.3165,
0.2500


■ 98.0243, 0.3123,
0.3367

■ 46.4023, 0.3176,
0.2264


■ 98.0261, 0.3123,
0.3367


■ 39.7263, 0.3187,
0.2050

■ 98.0278, 0.3123,
0.3366


 34.5791, 0.3196,
0.1867


 98.0296, 0.3123,
0.3366


 30.8398, 0.3203,
0.1723

 98.0313, 0.3123,
0.3366

 28.3690, 0.3208,
0.1623

 98.0331, 0.3123,
0.3365

 26.9994, 0.3211,
0.1565

 98.0348, 0.3122,
0.3365

 26.4855, 0.3212,
0.1543

 98.0365, 0.3122,
0.3365

Harmonies

Analogous

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



76.6324, 0.2930, 0.2931



76.6324, 0.3141, 0.3000



76.6324, 0.3354, 0.3139

Triad

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



76.6324, 0.3141, 0.3000



76.6324, 0.3485, 0.3629



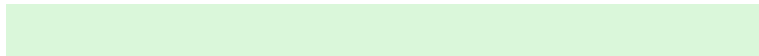
76.6324, 0.2759, 0.3242

Complementary

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



76.6324, 0.3141, 0.3000



86.5210, 0.3112, 0.3598

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.



76.6324, 0.2899, 0.3445



76.6324, 0.3141, 0.3000



76.6324, 0.3317, 0.3673

Square

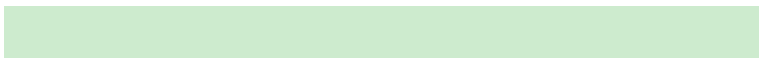
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.6324, 0.3141, 0.3000



76.6324, 0.3557, 0.3497



76.6324, 0.3102, 0.3607



76.6324, 0.2715, 0.3062

Rectangle

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



76.6324, 0.3141, 0.3000



76.6324, 0.3467, 0.3257



76.6324, 0.3102, 0.3607



76.6324, 0.2796, 0.3310

Sweetspot

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



76.6357, 0.3141, 0.3000



93.6631, 0.3132, 0.3193



71.7567, 0.2940, 0.2981



19.8008, 0.3133, 0.3174



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.



76.6357, 0.3141, 0.3000



79.2971, 0.3144, 0.2943



75.7748, 0.3239, 0.3143



16.7680, 0.3138, 0.3057



14.0004, 0.3212, 0.1543



1.2306, 0.3212, 0.1543

Inverse Universe

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



76.6357, 0.3141, 0.3000



79.2971, 0.3144, 0.2943



87.3139, 0.3029, 0.3442



16.7680, 0.3138, 0.3057



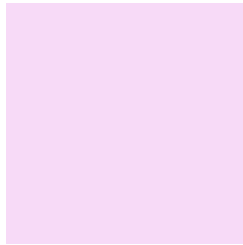
14.0004, 0.3212, 0.1543



1.2306, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 76.6324, 0.3141, 0.3000 looks on a white background.

Color Contrast Check

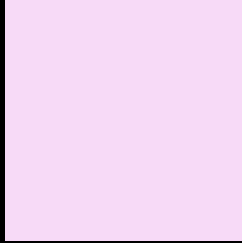
Large Text (above 18pt) WCAG AA × Fail

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 76.6324, 0.3141, 0.3000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

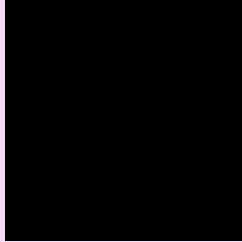
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.6324, 0.3141, 0.3000

Background



This preview shows how black text looks on a background with the Yxy color 76.6324, 0.3141, 0.3000.

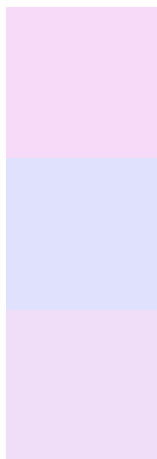


This preview shows how white text looks on a background with the Yxy color 76.6324, 0.3141, 0.3000.

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

76.6324, 0.3141, 0.3000

Protanopia

76.7260, 0.2952, 0.3010

Deuteranopia

76.9536, 0.3091, 0.3027



Tritanopia

76.8937, 0.3199, 0.3118

Trichromacy



Original Color

76.6324, 0.3141, 0.3000

Protanomaly

76.3005, 0.3017, 0.3003

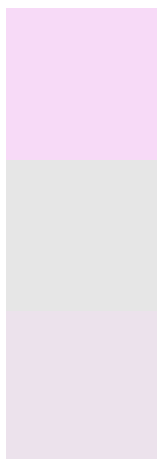
Deuteranomaly

76.9565, 0.3112, 0.3018

Tritanomaly

76.6067, 0.3173, 0.3069

Monochromacy



Original Color

76.6324, 0.3141, 0.3000

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.2817, 0.3132, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.6324, 0.3141, 0.3000 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, 218, 247)` looks like.

```
.text, #text, p{  
    color:rgb(247, 218, 247)  
}
```

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, 218, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 218, 247) }
```

Border

The CSS property to change the border of an element to Yxy 76.6324, 0.3141, 0.3000 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, 218, 247) }
```

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

```
.border{ border-color:rgb(247, 218, 247) }
```

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

Here you see how a box with a 4 pixel rgb(247, 218, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 218, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 218, 247);  
box-shadow:4px 4px 4px 4px rgb(247, 218,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 76.6324, 0.3141, 0.3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 218, 247) }
```

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

```
.background{ background-color: rgb(247,  
218, 247) }
```

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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