

Converting Colors

Yxy(77.1438, 0.3147, 0.3006)

Have a look what the booklet for
Yxy(77.1438, 0.3147, 0.3006)
contains.

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Color

Yxy(77.3349, 0.3147, 0.3011)

Conversions

Conversions Part 1

Format	Color
Hex	F8DBF7
RGB	248, 219, 247
RGB Percent	97%, 86%, 97%
CMY	0.0275, 0.1411, 0.0313
CMYK	0.00, 0.12, 0.00, 0.03
HSL	302°, 67%, 92%
HSV	302°, 12%, 97%
XYZ	80.8279, 77.3349, 98.6784
YIQ	230.8630, 8.2960, 14.8560

Conversions

Conversions Part 2

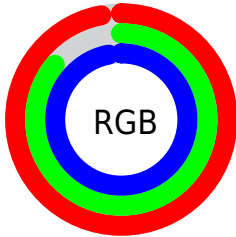
Format	Color
R _Y B	248, 219, 247
Decimal	16309239
CIE Lab	90.48, 14.76, -9.97
CIE LCh	90, 17.812, 325.973
Yxy	77.3349, 0.3147, 0.3011
Android (android.graphics.Color)	4294499319 (0xFFF8DBF7)
YUV	230.8630, 7.9555, 15.0291
Hunter-Lab	87.9403, 10.1680, -4.9716

Details

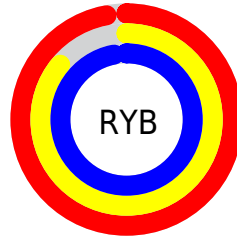
The Yxy color **77.3349, 0.3147, 0.3011** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **87.3496, 0.3107, 0.3586**, and the grayscale version is **79.7403, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.3889, 0.3143, 0.2946** is the 20% darker color. If you saturate the color by 10%, you get **65.2974, 0.3165, 0.2767**, and if you desaturate by 10%, it is **91.3067, 0.3130, 0.3251**.

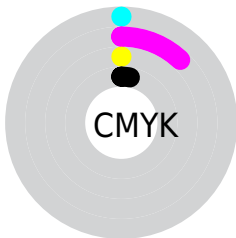
Distribution



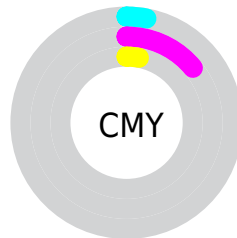
- Red (97%)
- Green (86%)
- Blue (97%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.3349, 0.3147, 0.3011 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 77.3349, 0.3147, 0.3011 by changing the saturation by 10% instead.

 77.3349, 0.3147,
0.3011

 77.3349, 0.3147,
0.3011


485.9051, 0.3139,
0.3136

 57.5278, 0.3148,
0.2983


129.6121, 0.3145,
0.3054

 41.4291, 0.3150,
0.2950


162.8510, 0.3144,
0.3070

 28.6546, 0.3152,
0.2908


201.3359, 0.3143,
0.3085

 18.8197, 0.3154,
0.2854

245.4513, 0.3142,
0.3098

 11.5400, 0.3157,
0.2783

295.5815, 0.3141,
0.3109

 6.4313, 0.3159,
0.2685

352.1110, 0.3140,

 3.1091, 0.3160,

0.3119

0.2540

415.4240, 0.3140,
0.3128

■ 1.1889, 0.3156,
0.2305

■ 0.0526, 0.3372,
0.0432

■ 77.3349, 0.3147,
0.3011

■ 77.3349, 0.3147,
0.3011

■ 65.2974, 0.3165,
0.2767

■ 91.3067, 0.3130,
0.3251

■ 55.0992, 0.3185,
0.2524

■ 98.2911, 0.3120,
0.3351

■ 46.6524, 0.3204,
0.2293

■ 98.3424, 0.3115,
0.3343

■ 39.8580, 0.3224,
0.2083

■ 98.3938, 0.3111,
0.3335

34.6071, 0.3242,
0.1903

98.4455, 0.3106,
0.3327

30.7777, 0.3259,
0.1761

98.4974, 0.3101,
0.3319

28.2296, 0.3274,
0.1663

98.5495, 0.3097,
0.3311

26.7939, 0.3286,
0.1608

98.6019, 0.3092,
0.3304

26.2305, 0.3295,
0.1589

98.6544, 0.3087,
0.3296

Harmonies

Analogous

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



77.3349, 0.2941, 0.2942



77.3349, 0.3147, 0.3011



77.3349, 0.3353, 0.3148

Triad

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



77.3349, 0.3147, 0.3011



77.3349, 0.3471, 0.3622



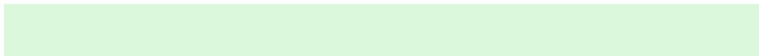
77.3349, 0.2767, 0.3238

Complementary

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



77.3349, 0.3147, 0.3011



87.3496, 0.3107, 0.3586

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.



77.3349, 0.2900, 0.3435



77.3349, 0.3147, 0.3011



77.3349, 0.3306, 0.3662

Square

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



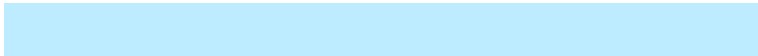
77.3349, 0.3147, 0.3011



77.3349, 0.3544, 0.3496



77.3349, 0.3097, 0.3594



77.3349, 0.2727, 0.3065

Rectangle

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



77.3349, 0.3147, 0.3011



77.3349, 0.3461, 0.3263



77.3349, 0.3097, 0.3594



77.3349, 0.2802, 0.3304

Sweetspot

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



77.3382, 0.3147, 0.3011



93.6421, 0.3134, 0.3196



72.5817, 0.2945, 0.2984



19.7955, 0.3135, 0.3178



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.



77.3382, 0.3147, 0.3011



79.2239, 0.3151, 0.2954



76.5055, 0.3241, 0.3149



17.5141, 0.3143, 0.3064



14.1768, 0.3294, 0.1588



1.3160, 0.3283, 0.1582

Inverse Universe

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



77.3382, 0.3147, 0.3011



79.2239, 0.3151, 0.2954



88.1231, 0.3026, 0.3436



17.5141, 0.3143, 0.3064



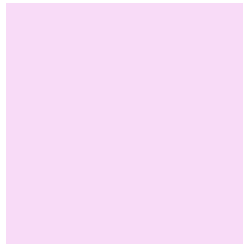
14.1768, 0.3294, 0.1588



1.3160, 0.3283, 0.1582

Previews

White Background



This preview shows how the Yxy color 77.3349, 0.3147, 0.3011 looks on a white background.

Color Contrast Check

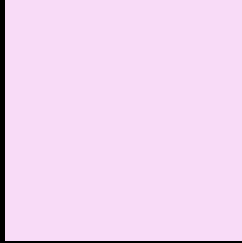
Large Text (above 18pt) WCAG AA × Fail

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 77.3349, 0.3147, 0.3011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

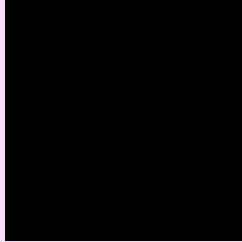
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.3349, 0.3147, 0.3011

Background



This preview shows how black text looks on a background with the Yxy color 77.3349, 0.3147, 0.3011.

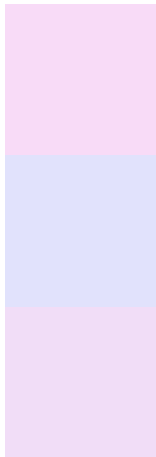


This preview shows how white text looks on a background with the Yxy color 77.3349, 0.3147, 0.3011.

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

77.3349, 0.3147, 0.3011

Protanopia

77.4285, 0.2958, 0.3021

Deuteranopia

77.1291, 0.3098, 0.3027



Tritanopia

77.6601, 0.3199, 0.3119

Trichromacy



Original Color

77.3349, 0.3147, 0.3011

Protanomaly

77.0011, 0.3024, 0.3014

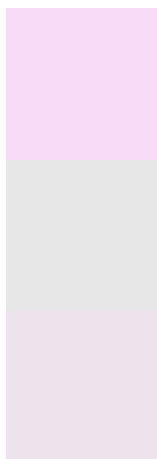
Deuteranomaly

77.1349, 0.3119, 0.3019

Tritanomaly

77.3114, 0.3179, 0.3079

Monochromacy



Original Color

77.3349, 0.3147, 0.3011

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.0571, 0.3132, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.3349, 0.3147, 0.3011 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, 219, 247)` looks like.

```
.text, #text, p{  
    color:rgb(248, 219, 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(248, 219, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 219, 247) }
```

Border

The CSS property to change the border of an element to Yxy 77.3349, 0.3147, 0.3011 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, 219, 247) }
```

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

```
.border{ border-color:rgb(248, 219, 247) }
```

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

Here you see how a box with a 4 pixel rgb(248, 219, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 219, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 219, 247);  
box-shadow:4px 4px 4px 4px rgb(248, 219,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 77.3349, 0.3147, 0.3011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 219, 247) }
```

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

```
.background{ background-color: rgb(248,  
219, 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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