

Converting Colors

Yxy(77.9596, 0.3139, 0.3040)

Have a look what the booklet for
Yxy(77.9596, 0.3139, 0.3040)
contains.

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Color

Yxy(77.9596, 0.3139, 0.3040)

Conversions

Conversions Part 1

Format	Color
Hex	F6DDF6
RGB	246, 221, 246
RGB Percent	96%, 87%, 96%
CMY	0.0353, 0.1333, 0.0353
CMYK	0.00, 0.10, 0.00, 0.04
HSL	300°, 58%, 92%
HSV	300°, 10%, 96%
XYZ	80.4984, 77.9596, 97.9880
YIQ	231.3250, 6.8750, 13.0750

Conversions

Conversions Part 2

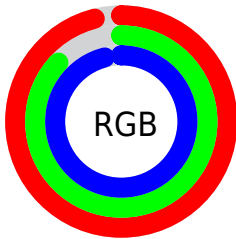
Format	Color
R _Y B	246, 221, 246
Decimal	16178678
CIE Lab	90.76, 12.88, -9.02
CIE LCh	91, 15.730, 325.000
Yxy	77.9596, 0.3139, 0.3040
Android (android.graphics.Color)	4294368758 (0xFFFF6DDF6)
YUV	231.3250, 7.2348, 12.8700
Hunter-Lab	88.2947, 8.2229, -3.9927

Details

The Yxy color $77.9596, 0.3139, 0.3040$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $86.5119, 0.3115, 0.3553$, and the grayscale version is $80.1097, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $41.9373, 0.3142, 0.2983$ is the 20% darker color. If you saturate the color by 10%, you get $65.9089, 0.3151, 0.2789$, and if you desaturate by 10%, it is $91.9204, 0.3127, 0.3286$.

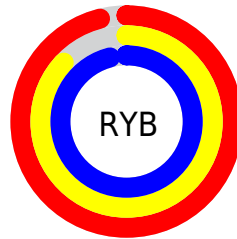
Distribution



Red (96%)

Green (87%)

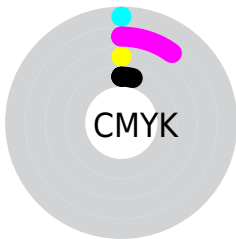
Blue (96%)



Red (96%)

Yellow (87%)

Blue (96%)

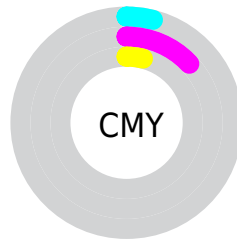


Cyan (0%)

Magenta (10%)

Yellow (0%)

Black (4%)



Cyan (4%)


Magenta (13%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.9596, 0.3139, 0.3040 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 77.9596, 0.3139, 0.3040 by changing the saturation by 10% instead.


 77.9596, 0.3139,
0.3040

 77.9596, 0.3139,
0.3040

488.0296, 0.3135,
0.3152

 58.0408, 0.3140,
0.3015


130.4932, 0.3138,
0.3078

 41.8414, 0.3141,
0.2985


163.8767, 0.3137,
0.3093

 28.9772, 0.3142,
0.2947


202.5173, 0.3137,
0.3106

 19.0635, 0.3142,
0.2899

246.7993, 0.3136,
0.3118

 11.7162, 0.3143,
0.2835

297.1072, 0.3136,
0.3128

 6.5507, 0.3143,
0.2746

353.8252, 0.3135,

 3.1828, 0.3142,

0.3137

0.2615

417.3379, 0.3135,
0.3145

■ 1.2279, 0.3134,
0.2400

■ 0.0843, 0.3285,
0.0702

■ 77.9596, 0.3139,
0.3040

■ 77.9596, 0.3139,
0.3040

■ 65.9089, 0.3151,
0.2789

■ 91.9204, 0.3127,
0.3286

■ 55.6758, 0.3163,
0.2539

■ 97.7701, 0.3123,
0.3377

■ 47.1752, 0.3174,
0.2300

■ 97.7710, 0.3123,
0.3377

■ 40.3111, 0.3185,
0.2082

■ 97.7720, 0.3123,
0.3377

34.9785, 0.3194,
0.1893

97.7729, 0.3123,
0.3377

31.0599, 0.3201,
0.1743

97.7739, 0.3123,
0.3377

28.4211, 0.3206,
0.1635

97.7748, 0.3123,
0.3377

26.9018, 0.3209,
0.1571

97.7758, 0.3122,
0.3376

26.2395, 0.3211,
0.1542

97.7768, 0.3122,
0.3376

Harmonies

Analogous

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



77.9596, 0.2958, 0.2981



77.9596, 0.3139, 0.3040



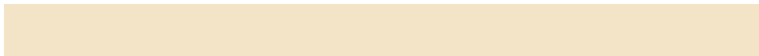
77.9596, 0.3321, 0.3160

Triad

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



77.9596, 0.3139, 0.3040



77.9596, 0.3434, 0.3581



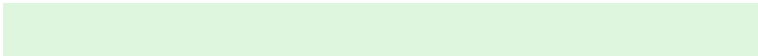
77.9596, 0.2812, 0.3251

Complementary

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



77.9596, 0.3139, 0.3040



86.5119, 0.3115, 0.3553

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.



77.9596, 0.2932, 0.3423



77.9596, 0.3139, 0.3040



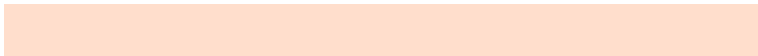
77.9596, 0.3291, 0.3617

Square

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



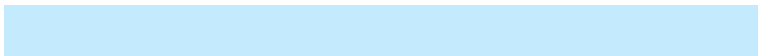
77.9596, 0.3139, 0.3040



77.9596, 0.3494, 0.3468



77.9596, 0.3107, 0.3560



77.9596, 0.2773, 0.3096

Rectangle

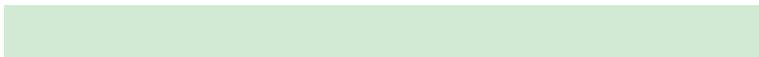
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.9596, 0.3139, 0.3040



77.9596, 0.3417, 0.3262



77.9596, 0.3107, 0.3560



77.9596, 0.2844, 0.3309

Sweetspot

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



77.9630, 0.3139, 0.3040



95.2155, 0.3131, 0.3217



73.7420, 0.2968, 0.3026



20.1133, 0.3132, 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.



77.9630, 0.3139, 0.3040



82.0053, 0.3141, 0.2994



77.2217, 0.3222, 0.3164



16.7681, 0.3138, 0.3057



14.0044, 0.3211, 0.1542



1.2309, 0.3211, 0.1542

Inverse Universe

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



77.9630, 0.3139, 0.3040



82.0053, 0.3141, 0.2994



87.2027, 0.3042, 0.3420



16.7681, 0.3138, 0.3057



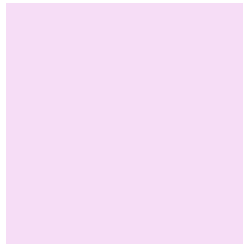
14.0044, 0.3211, 0.1542



1.2309, 0.3211, 0.1542

Previews

White Background



This preview shows how the Yxy color 77.9596, 0.3139, 0.3040 looks on a white background.

Color Contrast Check

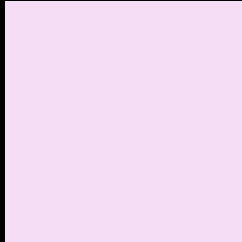
Large Text (above 18pt) WCAG AA × Fail

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 77.9596, 0.3139, 0.3040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

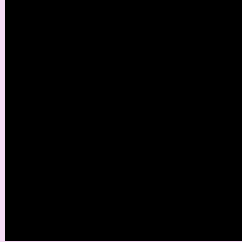
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

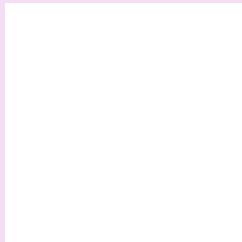
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.9596, 0.3139, 0.3040

Background



This preview shows how black text looks on a background with the Yxy color 77.9596, 0.3139, 0.3040.

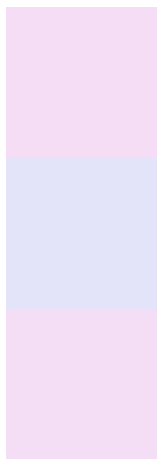


This preview shows how white text looks on a background with the Yxy color 77.9596, 0.3139, 0.3040.

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

77.9596, 0.3139, 0.3040

Protanopia

78.1712, 0.2984, 0.3053

Deuteranopia

77.9511, 0.3118, 0.3049



Tritanopia

77.9463, 0.3171, 0.3109

Trichromacy



Original Color

77.9596, 0.3139, 0.3040

Protanomaly

78.1824, 0.3036, 0.3045

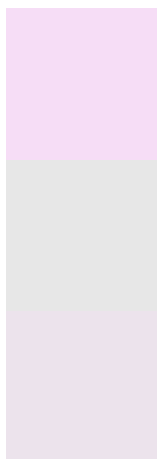
Deuteranomaly

78.1295, 0.3125, 0.3049

Tritanomaly

78.0658, 0.3158, 0.3089

Monochromacy



Original Color

77.9596, 0.3139, 0.3040

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

78.8272, 0.3132, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.9596, 0.3139, 0.3040 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(246, 221, 246)` looks like.

```
.text, #text, p{  
    color:rgb(246, 221, 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(246, 221, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 221, 246) }
```

Border

The CSS property to change the border of an element to Yxy 77.9596, 0.3139, 0.3040 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(246, 221, 246) }
```

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

```
.border{ border-color:rgb(246, 221, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 221, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 221, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 221, 246);  
box-shadow:4px 4px 4px 4px rgb(246, 221,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 77.9596, 0.3139, 0.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 221, 246) }
```

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

```
.background{ background-color: rgb(246,  
221, 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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