

Converting Colors

$Y_{xy}(77.2375, 0.3171, 0.2953)$

Have a look what the booklet for
Yxy(77.2375, 0.3171, 0.2953)
contains.

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Color

Yxy(77.0847, 0.3171, 0.2956)

Conversions

Conversions Part 1

Format	Color
Hex	FED8FA
RGB	254, 216, 250
RGB Percent	100%, 85%, 98%
CMY	0.0039, 0.1529, 0.0194
CMYK	0.00, 0.15, 0.02, 0.00
HSL	306°, 95%, 92%
HSV	306°, 15%, 100%
XYZ	82.6913, 77.0847, 100.9976
YIQ	231.2380, 11.7340, 18.6300

Conversions

Conversions Part 2

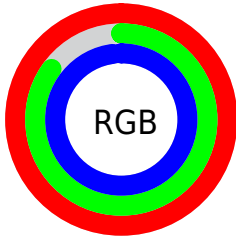
Format	Color
RYB	254, 216, 250
Decimal	16701690
CIELab	90.36, 18.87, -11.67
CIElCh	90, 22.187, 328.265
Yxy	77.0847, 0.3171, 0.2956
Android (android.graphics.Color)	4294891770 (0xFF FED8FA)
YUV	231.2380, 9.2497, 19.9623
Hunter-Lab	87.7979, 14.4717, -6.7453

Details

The Yxy color $77.0847, 0.3171, 0.2956$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $90.6528, 0.3086, 0.3648$, and the grayscale version is $80.0248, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $41.2551, 0.3174, 0.2878$ is the 20% darker color. If you saturate the color by 10%, you get $64.8984, 0.3205, 0.2727$, and if you desaturate by 10%, it is $91.2918, 0.3141, 0.3181$.

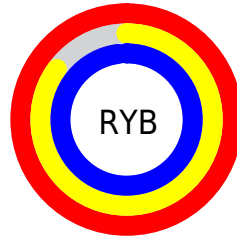
Distribution



Red (100%)

Green (85%)

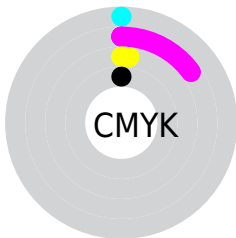
Blue (98%)



Red (100%)

Yellow (85%)

Blue (98%)

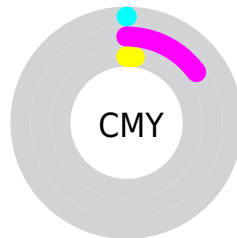


Cyan (0%)

Magenta (15%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (15%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.0847, 0.3171, 0.2956 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 77.0847, 0.3171, 0.2956 by changing the saturation by 10% instead.


 77.0847, 0.3171,
0.2956

 77.0847, 0.3171,
0.2956


485.0528, 0.3153,
0.3105

 57.3224, 0.3175,
0.2923


129.2590, 0.3165,
0.3007

 41.2641, 0.3179,
0.2884

162.4399, 0.3163,
0.3027

 28.5255, 0.3184,
0.2834


200.8623, 0.3161,
0.3044

 18.7222, 0.3191,
0.2771

244.9108, 0.3159,
0.3059

 11.4697, 0.3198,
0.2688

294.9697, 0.3157,
0.3072

 6.3837, 0.3207,
0.2574

351.4234, 0.3155,

 3.0798, 0.3218,

0.3084

0.2407

414.6563, 0.3154,
0.3095

■ 1.1735, 0.3228,
0.2142

■ 0.0399, 0.3567,
0.0286

■ 77.0847, 0.3171,
0.2956

■ 77.0847, 0.3171,
0.2956

■ 64.8984, 0.3205,
0.2727

■ 91.2918, 0.3141,
0.3181

■ 54.6306, 0.3242,
0.2501

99.8124, 0.3121,
0.3290

■ 46.1854, 0.3281,
0.2287

■ 39.4547, 0.3323,
0.2095

■ 34.3187, 0.3364,
0.1934

■ 30.6424, 0.3405,
0.1813

■ 28.2686, 0.3444,
0.1736

■ 27.0036, 0.3480,
0.1704

■ 26.6468, 0.3497,
0.1700

Harmonies

Analogous

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



77.0847, 0.2913, 0.2863



77.0847, 0.3171, 0.2956



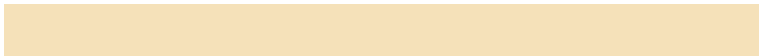
77.0847, 0.3427, 0.3129

Triad

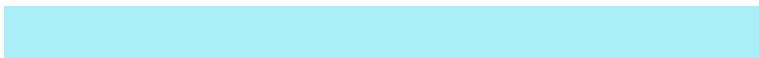
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.0847, 0.3171, 0.2956



77.0847, 0.3543, 0.3712



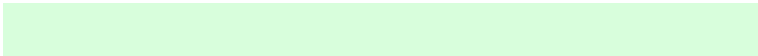
77.0847, 0.2672, 0.3204

Complementary

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



77.0847, 0.3171, 0.2956



90.6528, 0.3086, 0.3648

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.



77.0847, 0.2828, 0.3453



77.0847, 0.3171, 0.2956



77.0847, 0.3329, 0.3755

Square

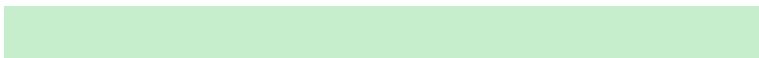
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



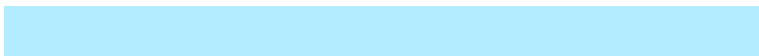
77.0847, 0.3171, 0.2956



77.0847, 0.3646, 0.3557



77.0847, 0.3067, 0.3661



77.0847, 0.2634, 0.2994

Rectangle

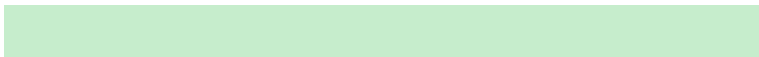
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.0847, 0.3171, 0.2956



77.0847, 0.3558, 0.3271



77.0847, 0.3067, 0.3661



77.0847, 0.2712, 0.3286

Sweetspot

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



77.0881, 0.3171, 0.2956



93.5955, 0.3138, 0.3203



71.4514, 0.2909, 0.2891



19.7837, 0.3140, 0.3186



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.



77.0881, 0.3171, 0.2956



73.8255, 0.3181, 0.2887



75.9642, 0.3300, 0.3138



18.2658, 0.3154, 0.3080



14.0606, 0.3491, 0.1697



1.3780, 0.3455, 0.1677

Inverse Universe

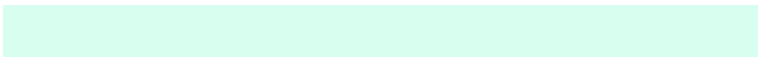
The Inverse Universe completely reimagines the original color for something new.



77.0881, 0.3171, 0.2956



73.8255, 0.3181, 0.2887



91.7079, 0.2981, 0.3447



18.2658, 0.3154, 0.3080



14.0606, 0.3491, 0.1697



1.3780, 0.3455, 0.1677

Previews

White Background



This preview shows how the Yxy color 77.0847, 0.3171, 0.2956 looks on a white background.

Color Contrast Check

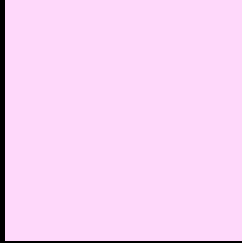
Large Text (above 18pt) WCAG AA × Fail

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 77.0847, 0.3171, 0.2956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

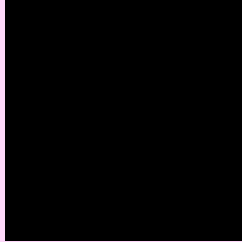
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.0847, 0.3171, 0.2956

Background



This preview shows how black text looks on a background with the Yxy color 77.0847, 0.3171, 0.2956.



This preview shows how white text looks on a background with the Yxy color 77.0847, 0.3171, 0.2956.

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

77.0847, 0.3171, 0.2956

Protanopia

77.3007, 0.2927, 0.2990

Deuteranopia

77.0777, 0.3078, 0.3007



Tritanopia

76.8944, 0.3250, 0.3110

Trichromacy



Original Color

77.0847, 0.3171, 0.2956

Protanomaly

76.8268, 0.3012, 0.2975

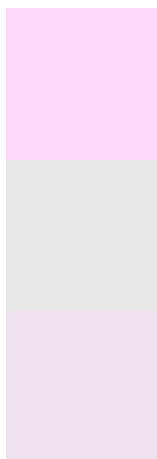
Deuteranomaly

76.9151, 0.3113, 0.2990

Tritanomaly

76.8592, 0.3224, 0.3052

Monochromacy



Original Color

77.0847, 0.3171, 0.2956

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

78.9165, 0.3140, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.0847, 0.3171, 0.2956 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(254, 216, 250)` looks like.

```
.text, #text, p{  
    color:rgb(254, 216, 250)  
}
```

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(254, 216, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 216, 250) }
```

Border

The CSS property to change the border of an element to Yxy 77.0847, 0.3171, 0.2956 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(254, 216, 250) }
```

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

```
.border{ border-color:rgb(254, 216, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 216, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 216, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 216, 250);  
box-shadow:4px 4px 4px 4px rgb(254, 216,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 77.0847, 0.3171, 0.2956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 216, 250) }
```

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

```
.background{ background-color: rgb(254,  
216, 250) }
```

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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