

Converting Colors

Yxy(90.2024, 0.2797, 0.2596)

Have a look what the booklet for
Yxy(90.2024, 0.2797, 0.2596)
contains.

Yxy(86.0071, 0.3111, 0.3076)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(86.0071, 0.3111, 0.3076)

Conversions

Conversions Part 1

Format	Color
Hex	FBE9FF
RGB	251, 233, 255
RGB Percent	98%, 91%, 100%
CMY	0.0155, 0.0863, 0.0000
CMYK	0.02, 0.09, 0.00, 0.00
HSL	289°, 100%, 96%
HSV	289°, 9%, 100%
XYZ	86.9857, 86.0071, 106.6141
YIQ	240.8900, 3.6660, 10.6580

Conversions

Conversions Part 2

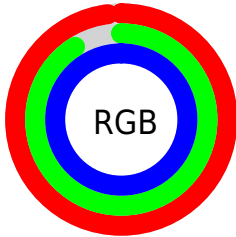
Format	Color
R _{YB}	251, 233, 255
Decimal	16509439
CIE _{Lab}	94.32, 9.95, -8.40
CIE _{LCh}	94, 13.021, 319.814
Y _{xy}	86.0071, 0.3111, 0.3076
Android (android.graphics.Color)	4294699519 (0xFFFFBE9FF)
YUV	240.8900, 6.9562, 8.8665
Hunter-Lab	92.7400, 5.1295, -3.2419

Details

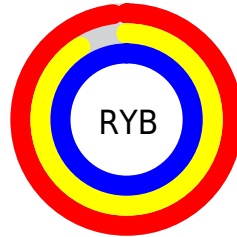
The Yxy color **86.0071, 0.3111, 0.3076** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95.3872, 0.3141, 0.3510**, and the grayscale version is **87.8211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.9908, 0.3105, 0.3029** is the 20% darker color. If you saturate the color by 10%, you get **71.7659, 0.3088, 0.2817**, and if you desaturate by 10%, it is **99.9993, 0.3127, 0.3290**.

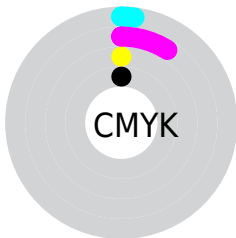
Distribution



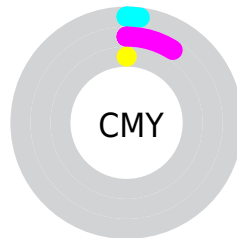
- Red (98%)
- Green (91%)
- Blue (100%)



- Red (98%)
- Yellow (91%)
- Blue (100%)



- Cyan (2%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)




- Cyan (2%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.0071, 0.3111, 0.3076 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 86.0071, 0.3111, 0.3076 by changing the saturation by 10% instead.


 86.0071, 0.3111,
0.3076

 86.0071, 0.3111,
0.3076


514.9546, 0.3119,
0.3171

 64.6738, 0.3109,
0.3055

141.7794, 0.3114,
0.3108

 47.1967, 0.3107,
0.3030

176.9872, 0.3115,
0.3121

 33.1911, 0.3104,
0.2999


217.5887, 0.3116,
0.3132

 22.2729, 0.3100,
0.2960

263.9682, 0.3117,
0.3141

 14.0576, 0.3094,
0.2908

316.5102, 0.3117,
0.3150

 8.1607, 0.3085,
0.2838

375.5990, 0.3118,

 4.1980, 0.3072,

0.3158

0.2735

441.6190, 0.3118,
0.3164

■ 1.7849, 0.3047,
0.2572

■ 0.4777, 0.3044,
0.2087

■ 86.0071, 0.3111,
0.3076

■ 86.0071, 0.3111,
0.3076

■ 71.7659, 0.3088,
0.2817

99.9993, 0.3127,
0.3290

■ 59.5382, 0.3060,
0.2553

■ 49.2320, 0.3027,
0.2290

■ 40.7439, 0.2989,
0.2040

■ 33.9606, 0.2947,
0.1812

■ 28.7562, 0.2901,
0.1618

■ 24.9869, 0.2853,
0.1466

■ 22.4827, 0.2805,
0.1360

■ 21.0012, 0.2758,
0.1297

Harmonies

Analogous

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



86.0071, 0.2970, 0.3039



86.0071, 0.3111, 0.3076



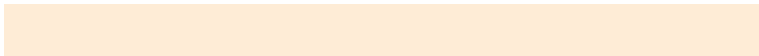
86.0071, 0.3259, 0.3166

Triad

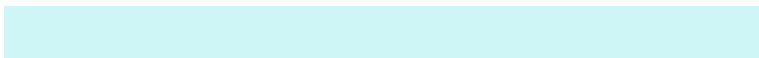
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.0071, 0.3111, 0.3076



86.0071, 0.3387, 0.3512



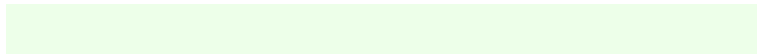
86.0071, 0.2886, 0.3284

Complementary

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



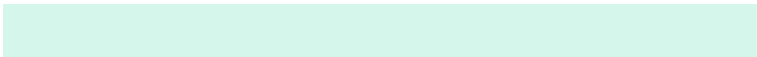
86.0071, 0.3111, 0.3076



95.3872, 0.3141, 0.3510

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.



86.0071, 0.2993, 0.3418



86.0071, 0.3111, 0.3076



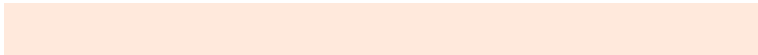
86.0071, 0.3282, 0.3551

Square

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



86.0071, 0.3111, 0.3076



86.0071, 0.3421, 0.3415



86.0071, 0.3138, 0.3518



86.0071, 0.2842, 0.3155

Rectangle

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



86.0071, 0.3111, 0.3076



86.0071, 0.3342, 0.3246



86.0071, 0.3138, 0.3518



86.0071, 0.2916, 0.3330

Sweetspot

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



86.0108, 0.3111, 0.3076



94.9573, 0.3122, 0.3217



85.1227, 0.2993, 0.3109



20.0434, 0.3120, 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.



86.0108, 0.3111, 0.3076



83.9413, 0.3108, 0.3041



86.3085, 0.3181, 0.3144



18.1265, 0.3109, 0.3054



10.9467, 0.2759, 0.1294



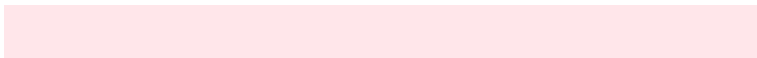
1.1068, 0.2813, 0.1324

Inverse Universe

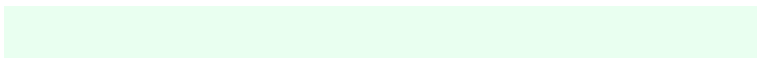
The Inverse Universe completely reimagines the original color for something new.



85.6397, 0.3252, 0.3252



83.5196, 0.3274, 0.3245



95.1239, 0.3077, 0.3440



18.0401, 0.3266, 0.3248



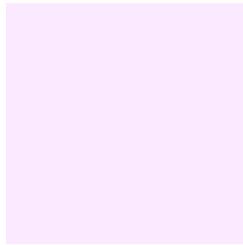
11.2254, 0.6133, 0.3152



1.1067, 0.5846, 0.2994

Previews

White Background



This preview shows how the Yxy color 86.0071, 0.3111, 0.3076 looks on a white background.

Color Contrast Check

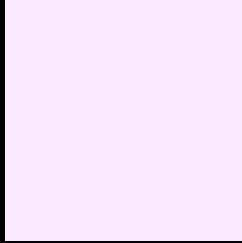
Large Text (above 18pt) WCAG AA × Fail

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 86.0071, 0.3111, 0.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

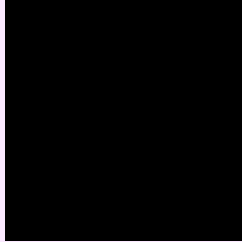
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

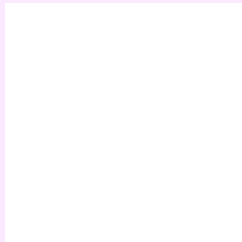
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.0071, 0.3111, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 86.0071, 0.3111, 0.3076.

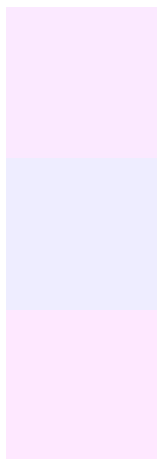


This preview shows how white text looks on a background with the Yxy color 86.0071, 0.3111, 0.3076.

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

86.0071, 0.3111, 0.3076

Protanopia

85.9655, 0.3025, 0.3111

Deuteranopia

86.0041, 0.3131, 0.3068



Tritanopia

85.8153, 0.3129, 0.3105

Trichromacy



Original Color

86.0071, 0.3111, 0.3076

Protanomaly

86.2656, 0.3057, 0.3103

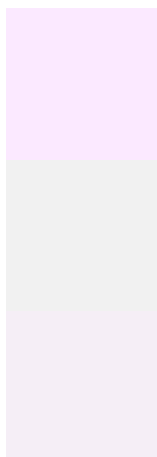
Deuteranomaly

85.8159, 0.3124, 0.3067

Tritanomaly

85.8789, 0.3123, 0.3095

Monochromacy



Original Color

86.0071, 0.3111, 0.3076

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.2154, 0.3124, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.0071, 0.3111, 0.3076 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(251, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(251, 233, 255)  
}
```

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(251, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 233, 255) }
```

Border

The CSS property to change the border of an element to Yxy 86.0071, 0.3111, 0.3076 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(251, 233, 255) }
```

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

```
.border{ border-color:rgb(251, 233, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 233,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 86.0071, 0.3111, 0.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 233, 255) }
```

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

```
.background{ background-color: rgb(251,  
233, 255) }
```

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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