

Converting Colors

Yxy(86.5338, 0.3187, 0.3159)

Have a look what the booklet for
Yxy(86.5338, 0.3187, 0.3159)
contains.

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Color

Yxy(86.8210, 0.3187, 0.3164)

Conversions

Conversions Part 1

Format	Color
Hex	FFFAF7
RGB	255, 234, 247
RGB Percent	100%, 92%, 97%
CMY	0.0000, 0.0823, 0.0314
CMYK	0.00, 0.08, 0.03, 0.00
HSL	323°, 100%, 96%
HSV	323°, 8%, 100%
XYZ	87.4521, 86.8210, 100.1295
YIQ	241.7610, 8.3430, 8.4950

Conversions

Conversions Part 2

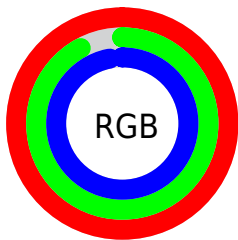
Format	Color
R _Y B	255, 234, 247
Decimal	16771831
CIE Lab	94.66, 9.32, -3.69
CIE LCh	95, 10.023, 338.381
Yxy	86.8210, 0.3187, 0.3164
Android (android.graphics.Color)	4294961911 (0xFFFFEAF7)
YUV	241.7610, 2.5828, 11.6106
Hunter-Lab	93.1778, 4.4703, 1.5110

Details

The Yxy color **86.8210, 0.3187, 0.3164** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95.4252, 0.3072, 0.3419**, and the grayscale version is **88.5682, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.6081, 0.3195, 0.3129** is the 20% darker color. If you saturate the color by 10%, you get **72.7468, 0.3272, 0.3004**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

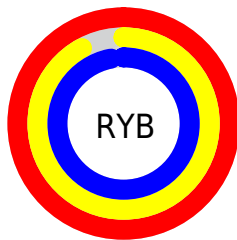
Distribution



Red (100%)

Green (92%)

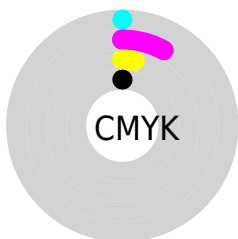
Blue (97%)



Red (100%)

Yellow (92%)

Blue (97%)

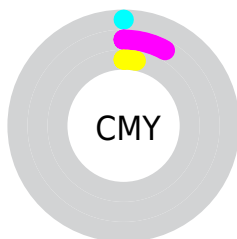


Cyan (0%)

Magenta (8%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (8%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.8210, 0.3187, 0.3164 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 86.8210, 0.3187, 0.3164 by changing the saturation by 10% instead.

 86.8210, 0.3187,
0.3164

 86.8210, 0.3187,
0.3164


517.6345, 0.3160,
0.3220

 65.3471, 0.3193,
0.3152


142.9146, 0.3178,
0.3183

 47.7426, 0.3200,
0.3137


178.3031, 0.3174,
0.3191

 33.6231, 0.3209,
0.3118


219.0986, 0.3171,
0.3197

 22.6042, 0.3220,
0.3095

265.6854, 0.3169,
0.3203

 14.3015, 0.3234,
0.3064

318.4481, 0.3166,
0.3208

 8.3307, 0.3255,
0.3021

377.7708, 0.3164,

 4.3073, 0.3284,

0.3212

0.2958

444.0382, 0.3162,
0.3216

■ 1.8469, 0.3332,
0.2858

■ 0.5161, 0.3495,
0.2512

■ 86.8210, 0.3187,
0.3164

■ 86.8210, 0.3187,
0.3164

■ 72.7468, 0.3272,
0.3004

100.0000, 0.3127,
0.3290

■ 60.7029, 0.3373,
0.2840

■ 50.5949, 0.3491,
0.2676

■ 42.3195, 0.3627,
0.2521

■ 35.7633, 0.3779,
0.2385

■ 30.8006, 0.3945,
0.2279

■ 27.2881, 0.4120,
0.2215

■ 25.0566, 0.4296,
0.2202

■ 23.8732, 0.4467,
0.2241

Harmonies

Analogous

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



86.8210, 0.3072, 0.3108



86.8210, 0.3187, 0.3164



86.8210, 0.3288, 0.3252

Triad

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



86.8210, 0.3187, 0.3164



86.8210, 0.3282, 0.3485



86.8210, 0.2914, 0.3223

Complementary

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



86.8210, 0.3187, 0.3164



95.4252, 0.3072, 0.3419

Split Complementary

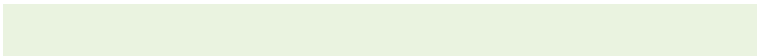
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.8210, 0.2968, 0.3326



86.8210, 0.3187, 0.3164



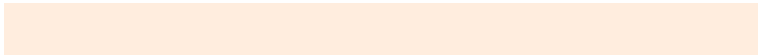
86.8210, 0.3180, 0.3480

Square

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



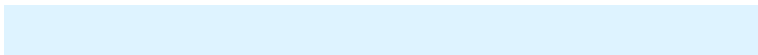
86.8210, 0.3187, 0.3164



86.8210, 0.3343, 0.3437



86.8210, 0.3065, 0.3422



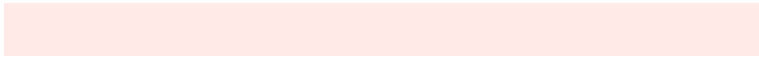
86.8210, 0.2916, 0.3140

Rectangle

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



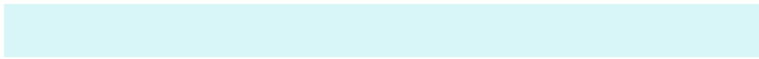
86.8210, 0.3187, 0.3164



86.8210, 0.3332, 0.3318



86.8210, 0.3065, 0.3422



86.8210, 0.2926, 0.3256

Sweetspot

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



86.8223, 0.3187, 0.3164



96.6643, 0.3141, 0.3260



84.8926, 0.3049, 0.3082



20.7251, 0.3140, 0.3261



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

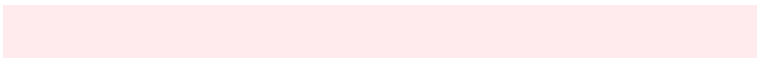
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.8223, 0.3187, 0.3164



84.1844, 0.3201, 0.3136



86.2109, 0.3252, 0.3263



18.1759, 0.3197, 0.3144



12.4221, 0.4470, 0.2236



1.2308, 0.4287, 0.2135

Inverse Universe

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



86.8223, 0.3187, 0.3164



84.1844, 0.3201, 0.3136



96.0541, 0.3015, 0.3317



18.1759, 0.3197, 0.3144



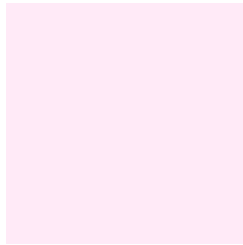
12.4221, 0.4470, 0.2236



1.2308, 0.4287, 0.2135

Previews

White Background



This preview shows how the Yxy color 86.8210, 0.3187, 0.3164 looks on a white background.

Color Contrast Check

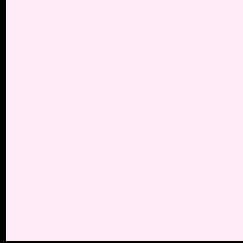
Large Text (above 18pt) WCAG AA × Fail

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 86.8210, 0.3187, 0.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

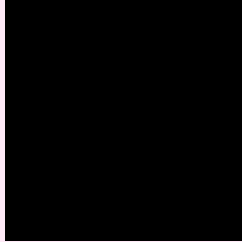
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.8210, 0.3187, 0.3164

Background



This preview shows how black text looks on a background with the Yxy color 86.8210, 0.3187, 0.3164.



This preview shows how white text looks on a background with the Yxy color 86.8210, 0.3187, 0.3164.

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

86.8210, 0.3187, 0.3164

Protanopia

86.7520, 0.3074, 0.3171

Deuteranopia

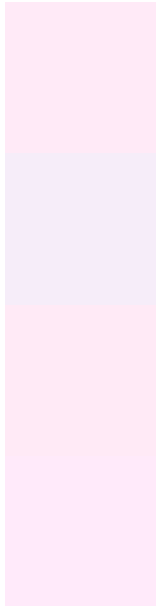
86.7595, 0.3193, 0.3173



Tritanopia

87.0707, 0.3162, 0.3126

Trichromacy



Original Color

86.8210, 0.3187, 0.3164

Protanomaly

87.0008, 0.3113, 0.3172

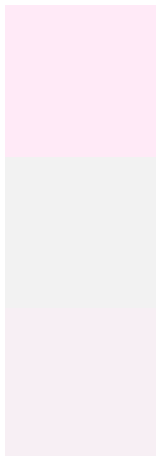
Deuteranomaly

86.7595, 0.3193, 0.3173

Tritanomaly

87.0078, 0.3168, 0.3135

Monochromacy



Original Color

86.8210, 0.3187, 0.3164

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.0388, 0.3149, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.8210, 0.3187, 0.3164 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(255, 234, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 234, 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(255, 234, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 234, 247) }
```

Border

The CSS property to change the border of an element to Yxy 86.8210, 0.3187, 0.3164 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(255, 234, 247) }
```

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

```
.border{ border-color:rgb(255, 234, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 234, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 234, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 234, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 234,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 86.8210, 0.3187, 0.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 234, 247) }
```

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

```
.background{ background-color: rgb(255,  
234, 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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