

Converting Colors

$Y_{xy}(86.4248, 0.3175, 0.3167)$

Have a look what the booklet for
Yxy(86.4248, 0.3175, 0.3167)
contains.

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Color

Yxy(86.4437, 0.3173, 0.3163)

Conversions

Conversions Part 1

Format	Color
Hex	FDEAF7
RGB	253, 234, 247
RGB Percent	99%, 92%, 97%
CMY	0.0079, 0.0823, 0.0312
CMYK	0.00, 0.07, 0.02, 0.01
HSL	319°, 82%, 95%
HSV	319°, 7%, 99%
XYZ	86.7170, 86.4437, 100.1359
YIQ	241.1630, 7.1510, 8.0710

Conversions

Conversions Part 2

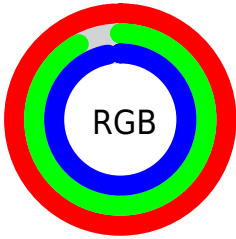
Format	Color
R _Y B	253, 234, 247
Decimal	16640759
CIE Lab	94.50, 8.64, -3.97
CIE LCh	95, 9.514, 335.310
Yxy	86.4437, 0.3173, 0.3163
Android (android.graphics.Color)	4294830839 (0xFFFDEAF7)
YUV	241.1630, 2.8776, 10.3810
Hunter-Lab	92.9751, 3.7788, 1.2262

Details

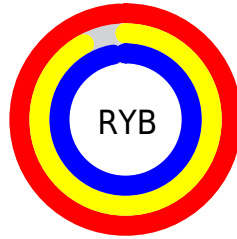
The Yxy color **86.4437, 0.3173, 0.3163** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **94.0198, 0.3084, 0.3420**, and the grayscale version is **88.0725, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.3381, 0.3178, 0.3128** is the 20% darker color. If you saturate the color by 10%, you get **72.5766, 0.3244, 0.2987**, and if you desaturate by 10%, it is **99.6162, 0.3115, 0.3290**.

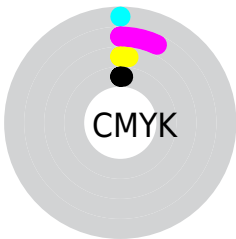
Distribution



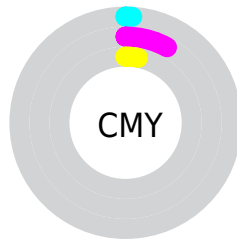
- Red (99%)
- Green (92%)
- Blue (97%)



- Red (99%)
- Yellow (92%)
- Blue (97%)



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (1%)




- Cyan (1%)
- Magenta (8%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.4437, 0.3173, 0.3163 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 86.4437, 0.3173, 0.3163 by changing the saturation by 10% instead.


 86.4437, 0.3173,
0.3163

 86.4437, 0.3173,
0.3163

516.3931, 0.3153,
0.3219

 65.0349, 0.3177,
0.3151

142.3885, 0.3166,
0.3182

 47.4894, 0.3183,
0.3136


177.6933, 0.3163,
0.3190

 33.4227, 0.3189,
0.3117


218.3990, 0.3161,
0.3196

 22.4505, 0.3198,
0.3093

264.8898, 0.3159,
0.3202

 14.1883, 0.3209,
0.3062

317.5502, 0.3157,
0.3207

 8.2517, 0.3224,
0.3018

376.7647, 0.3156,

 4.2564, 0.3247,

0.3212

0.2955

442.9175, 0.3154,
0.3216

■ 1.8180, 0.3282,
0.2853

■ 0.4984, 0.3417,
0.2487

■ 86.4437, 0.3173,
0.3163

■ 86.4437, 0.3173,
0.3163

■ 72.5766, 0.3244,
0.2987

99.6162, 0.3115,
0.3290

■ 60.6961, 0.3327,
0.2806

99.6186, 0.3115,
0.3290

■ 50.7130, 0.3423,
0.2626

■ 42.5266, 0.3532,
0.2456

■ 36.0268, 0.3653,
0.2304

■ 31.0916, 0.3783,
0.2182

■ 27.5823, 0.3919,
0.2102

■ 25.3355, 0.4055,
0.2071

■ 24.1374, 0.4187,
0.2089

Harmonies

Analogous

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



86.4437, 0.3064, 0.3114



86.4437, 0.3173, 0.3163



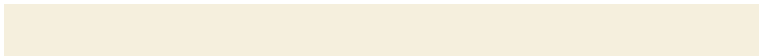
86.4437, 0.3271, 0.3245

Triad

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



86.4437, 0.3173, 0.3163



86.4437, 0.3282, 0.3473



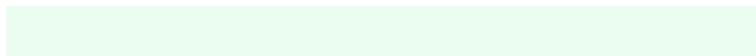
86.4437, 0.2927, 0.3236

Complementary

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



86.4437, 0.3173, 0.3163



94.0198, 0.3084, 0.3420

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.



86.4437, 0.2984, 0.3335



86.4437, 0.3173, 0.3163



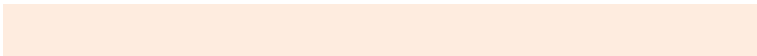
86.4437, 0.3188, 0.3473

Square

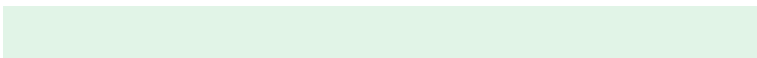
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



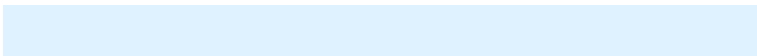
86.4437, 0.3173, 0.3163



86.4437, 0.3335, 0.3423



86.4437, 0.3079, 0.3423



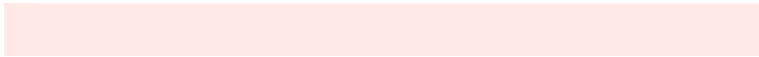
86.4437, 0.2923, 0.3154

Rectangle

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



86.4437, 0.3173, 0.3163



86.4437, 0.3317, 0.3307



86.4437, 0.3079, 0.3423



86.4437, 0.2941, 0.3268

Sweetspot

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



86.4474, 0.3173, 0.3163



96.6865, 0.3139, 0.3257



84.4148, 0.3048, 0.3101



20.7296, 0.3138, 0.3258



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

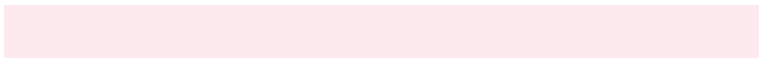
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.4474, 0.3173, 0.3163



85.7667, 0.3183, 0.3137



85.8915, 0.3232, 0.3253



18.1977, 0.3186, 0.3128



12.7557, 0.4200, 0.2087



1.2617, 0.4058, 0.2009

Inverse Universe

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



86.4474, 0.3173, 0.3163



85.7667, 0.3183, 0.3137



94.5822, 0.3032, 0.3327



18.1977, 0.3186, 0.3128



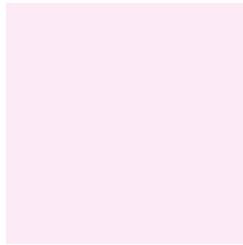
12.7557, 0.4200, 0.2087



1.2617, 0.4058, 0.2009

Previews

White Background



This preview shows how the Yxy color 86.4437, 0.3173, 0.3163 looks on a white background.

Color Contrast Check

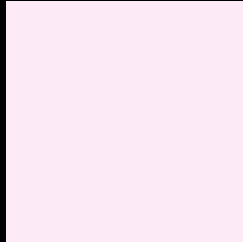
Large Text (above 18pt) WCAG AA × Fail

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 86.4437, 0.3173, 0.3163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

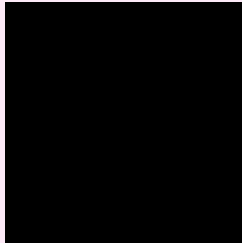
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

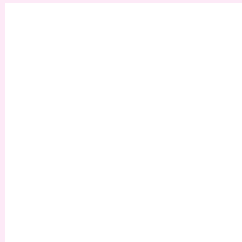
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.4437, 0.3173, 0.3163

Background



This preview shows how black text looks on a background with the Yxy color 86.4437, 0.3173, 0.3163.



This preview shows how white text looks on a background with the Yxy color 86.4437, 0.3173, 0.3163.

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

86.4437, 0.3173, 0.3163

Protanopia

86.6894, 0.3080, 0.3180

Deuteranopia

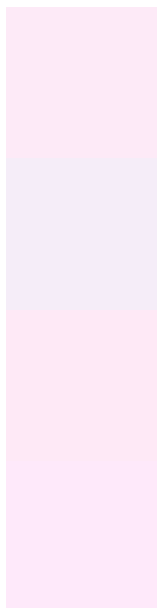
86.1916, 0.3194, 0.3164



Tritanopia

86.3769, 0.3149, 0.3106

Trichromacy



Original Color

86.4437, 0.3173, 0.3163

Protanomaly

86.7582, 0.3112, 0.3181

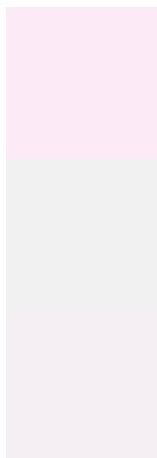
Deuteranomaly

86.0025, 0.3187, 0.3163

Tritanomaly

86.2508, 0.3162, 0.3125

Monochromacy



Original Color

86.4437, 0.3173, 0.3163

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.0326, 0.3143, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.4437, 0.3173, 0.3163 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(253, 234, 247)` looks like.

```
.text, #text, p{  
    color:rgb(253, 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(253, 234, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 234, 247) }
```

Border

The CSS property to change the border of an element to Yxy 86.4437, 0.3173, 0.3163 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(253, 234, 247) }
```

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

```
.border{ border-color:rgb(253, 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(253, 234, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 234, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 234, 247);  
box-shadow:4px 4px 4px 4px rgb(253, 234,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 86.4437, 0.3173, 0.3163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 234, 247) }
```

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

```
.background{ background-color: rgb(253,  
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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