

# Converting Colors

Yxy(86.4372, 0.3151, 0.3145)

Have a look what the booklet for  
Yxy(86.4372, 0.3151, 0.3145)  
contains.

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# Color

**Yxy(86.3806, 0.3154, 0.3144)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCEAF9
RGB	252, 234, 249
RGB Percent	99%, 92%, 98%
CMY	0.0119, 0.0823, 0.0236
CMYK	0.00, 0.07, 0.01, 0.01
HSL	310°, 75%, 95%
HSV	310°, 7%, 99%
XYZ	86.6553, 86.3806, 101.7115
YIQ	241.0920, 5.9130, 8.4810

# Conversions

## Conversions Part 2

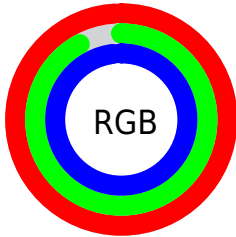
Format	Color
R <sub>Y</sub> B	252, 234, 249
Decimal	16575225
CIE Lab	94.47, 8.64, -5.04
CIE LCh	94, 10.004, 329.782
Yxy	86.3806, 0.3154, 0.3144
Android (android.graphics.Color)	4294765305 (0xFFFCFAF9)
YUV	241.0920, 3.8986, 9.5663
Hunter-Lab	92.9412, 3.7806, 0.1739

# Details

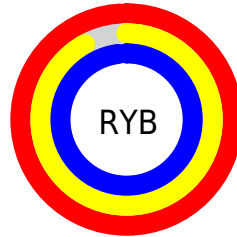
The Yxy color **86.3806, 0.3154, 0.3144** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93.2120, 0.3101, 0.3440**, and the grayscale version is **88.0034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.2931, 0.3153, 0.3103** is the 20% darker color. If you saturate the color by 10%, you get **72.7827, 0.3197, 0.2932**, and if you desaturate by 10%, it is **99.3128, 0.3119, 0.3307**.

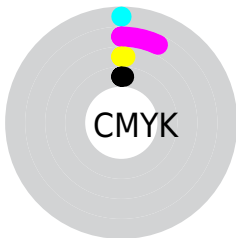
# Distribution



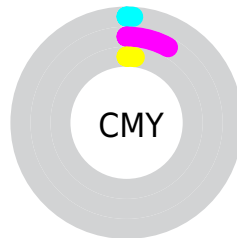
- Red (99%)
- Green (92%)
- Blue (98%)



- Red (99%)
- Yellow (92%)
- Blue (98%)



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




- Cyan (1%)
- Magenta (8%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 86.3806, 0.3154, 0.3144 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 86.3806, 0.3154, 0.3144 by changing the saturation by 10% instead.



 86.3806, 0.3154,  
0.3144

 86.3806, 0.3154,  
0.3144


516.1854, 0.3142,  
0.3209

 64.9827, 0.3157,  
0.3130


142.3005, 0.3150,  
0.3166

 47.4471, 0.3160,  
0.3113


177.5913, 0.3149,  
0.3175

 33.3892, 0.3163,  
0.3091


218.2819, 0.3147,  
0.3182

 22.4248, 0.3168,  
0.3064

264.7567, 0.3146,  
0.3189

 14.1694, 0.3174,  
0.3028

317.4000, 0.3145,  
0.3195

 8.2386, 0.3182,  
0.2979

376.5963, 0.3144,

 4.2480, 0.3194,

0.3200

0.2906

442.7300, 0.3143,  
0.3205

■ 1.8132, 0.3211,  
0.2791

■ 0.4954, 0.3296,  
0.2395

■ 86.3806, 0.3154,  
0.3144

■ 86.3806, 0.3154,  
0.3144

■ 72.7827, 0.3197,  
0.2932

■ 99.3128, 0.3119,  
0.3307

■ 61.1415, 0.3245,  
0.2717

■ 99.4297, 0.3108,  
0.3290

■ 51.3688, 0.3299,  
0.2506

■ 43.3657, 0.3358,  
0.2306

■ 37.0238, 0.3421,  
0.2129

■ 32.2229, 0.3486,  
0.1983

■ 28.8267, 0.3551,  
0.1878

■ 26.6748, 0.3614,  
0.1820

■ 25.5616, 0.3674,  
0.1806

# Harmonies

## Analogous

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



86.3806, 0.3040, 0.3101



86.3806, 0.3154, 0.3144



86.3806, 0.3262, 0.3225

# Triad

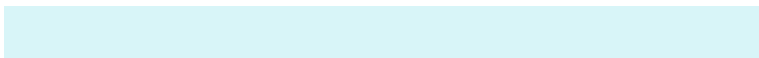
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.3806, 0.3154, 0.3144



86.3806, 0.3305, 0.3476



86.3806, 0.2924, 0.3251

# Complementary

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



86.3806, 0.3154, 0.3144



93.2120, 0.3101, 0.3440

# 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.



86.3806, 0.2993, 0.3356



86.3806, 0.3154, 0.3144



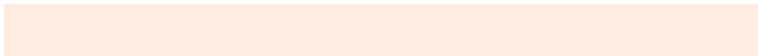
86.3806, 0.3212, 0.3487

# Square

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



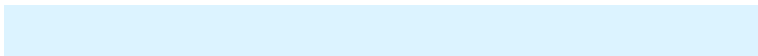
86.3806, 0.3154, 0.3144



86.3806, 0.3350, 0.3415



86.3806, 0.3098, 0.3443



86.3806, 0.2909, 0.3160

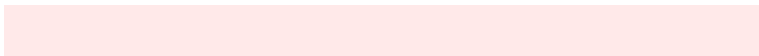


# Rectangle

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



86.3806, 0.3154, 0.3144



86.3806, 0.3316, 0.3290



86.3806, 0.3098, 0.3443



86.3806, 0.2942, 0.3286

# Sweetspot

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



86.3843, 0.3154, 0.3144



96.7345, 0.3134, 0.3250



83.8374, 0.3035, 0.3110



20.7394, 0.3134, 0.3252



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

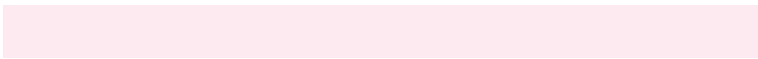
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.3843, 0.3154, 0.3144



85.9777, 0.3162, 0.3105



85.8552, 0.3209, 0.3228



17.4720, 0.3164, 0.3095



13.2245, 0.3681, 0.1802



1.2376, 0.3615, 0.1765



# Inverse Universe

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



86.3843, 0.3154, 0.3144



85.9777, 0.3162, 0.3105



93.7318, 0.3052, 0.3352



17.4720, 0.3164, 0.3095



13.2245, 0.3681, 0.1802

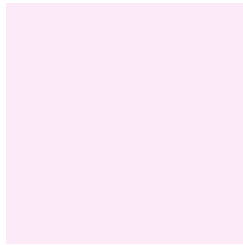


1.2376, 0.3615, 0.1765



# Previews

## White Background



This preview shows how the Yxy color 86.3806, 0.3154, 0.3144 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

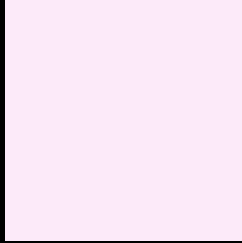
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 86.3806, 0.3154, 0.3144 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

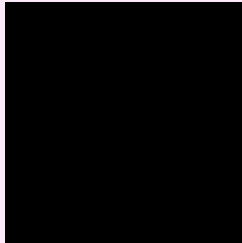
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 86.3806, 0.3154, 0.3144**

## **Background**



This preview shows how black text looks on a background with the Yxy color 86.3806, 0.3154, 0.3144.



This preview shows how white text looks on a background with the Yxy color 86.3806, 0.3154, 0.3144.

# 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

86.3806, 0.3154, 0.3144

### Protanopia

86.6394, 0.3061, 0.3161

### Deuteranopia

86.3151, 0.3181, 0.3144



## Tritanopia

86.5694, 0.3135, 0.3115

# Trichromacy



## Original Color

86.3806, 0.3154, 0.3144

## Protanomaly

86.7036, 0.3094, 0.3161

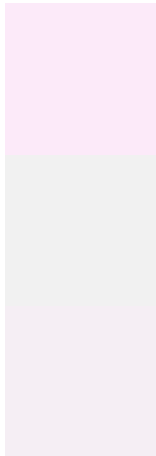
## Deuteranomaly

86.1260, 0.3174, 0.3144

## Tritanomaly

86.5061, 0.3142, 0.3124

# Monochromacy



## Original Color

86.3806, 0.3154, 0.3144

## Achromatopsia

87.9622, 0.3127, 0.3290

## Achromatomaly

87.0932, 0.3137, 0.3231

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 86.3806, 0.3154, 0.3144 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(252, 234, 249)` looks like.

```
.text, #text, p{  
    color:rgb(252, 234, 249)  
}
```

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(252, 234, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 234, 249) }
```

## Border

The CSS property to change the border of an element to Yxy 86.3806, 0.3154, 0.3144 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(252, 234, 249) }
```

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

```
.border{ border-color:rgb(252, 234, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 234, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 234, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 234, 249);  
box-shadow:4px 4px 4px 4px rgb(252, 234,  
249) }
```



# Background

The CSS property to change the background color of an element to Yxy 86.3806, 0.3154, 0.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 234, 249) }
```

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

```
.background{ background-color: rgb(252,  
234, 249) }
```

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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