

Converting Colors

$Yxy(86.7578, 0.3084, 0.3055)$

Have a look what the booklet for
Yxy(86.7578, 0.3084, 0.3055)
contains.

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Color

Yxy(86.3896, 0.3104, 0.3085)

Conversions

Conversions Part 1

Format	Color
Hex	FAEAF7
RGB	250, 234, 255
RGB Percent	98%, 92%, 100%
CMY	0.0193, 0.0824, 0.0000
CMYK	0.02, 0.08, 0.00, 0.00
HSL	286°, 100%, 96%
HSV	286°, 8%, 100%
XYZ	86.9217, 86.3896, 106.7199
YIQ	241.1780, 2.7950, 9.9230

Conversions

Conversions Part 2

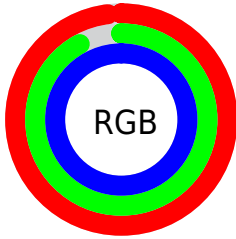
Format	Color
R_{YB}	250, 234, 255
Decimal	16444159
CIE _{Lab}	94.48, 9.12, -8.19
CIE _{LCh}	94, 12.258, 318.102
Y _{xy}	86.3896, 0.3104, 0.3085
Android (android.graphics.Color)	4294634239 (0xFFFAEAF)
YUV	241.1780, 6.8142, 7.7369
Hunter-Lab	92.9460, 4.2749, -3.0141

Details

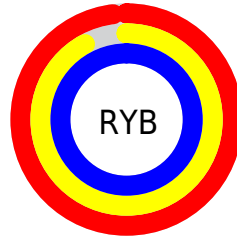
The Yxy color **86.3896, 0.3104, 0.3085** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95.7914, 0.3148, 0.3499**, and the grayscale version is **88.0627, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.2555, 0.3096, 0.3041** is the 20% darker color. If you saturate the color by 10%, you get **71.8191, 0.3071, 0.2825**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

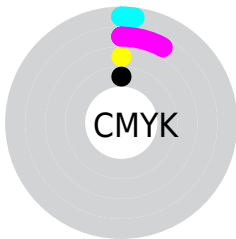
Distribution



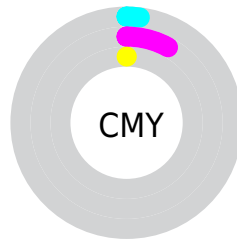
- Red (98%)
- Green (92%)
- Blue (100%)



- Red (98%)
- Yellow (92%)
- Blue (100%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)




- Cyan (2%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.3896, 0.3104, 0.3085 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 86.3896, 0.3104, 0.3085 by changing the saturation by 10% instead.


 86.3896, 0.3104,
0.3085

 86.3896, 0.3104,
0.3085

516.2150, 0.3115,
0.3176

 64.9902, 0.3101,
0.3065


142.3130, 0.3108,
0.3116

 47.4531, 0.3098,
0.3041


177.6059, 0.3109,
0.3128

 33.3940, 0.3094,
0.3012


218.2986, 0.3111,
0.3138

 22.4285, 0.3089,
0.2974

264.7757, 0.3112,
0.3148

 14.1721, 0.3082,
0.2924

317.4214, 0.3113,
0.3156

 8.2404, 0.3071,
0.2856

376.6203, 0.3114,

 4.2492, 0.3054,

0.3163

0.2758

442.7567, 0.3114,
0.3170

■ 1.8139, 0.3025,
0.2602

■ 0.4958, 0.3005,
0.2147

■ 86.3896, 0.3104,
0.3085

■ 86.3896, 0.3104,
0.3085

■ 71.8191, 0.3071,
0.2825

100.0000, 0.3127,
0.3290

■ 59.2815, 0.3031,
0.2556

■ 48.6836, 0.2984,
0.2287

■ 39.9219, 0.2932,
0.2027

■ 32.8836, 0.2874,
0.1788

■ 27.4429, 0.2812,
0.1581

■ 23.4567, 0.2748,
0.1415

■ 20.7561, 0.2684,
0.1297

■ 19.1080, 0.2623,
0.1223

Harmonies

Analogous

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



86.3896, 0.2973, 0.3054



86.3896, 0.3104, 0.3085



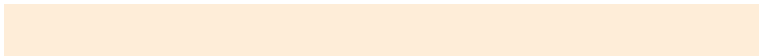
86.3896, 0.3244, 0.3168

Triad

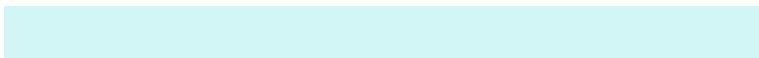
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.3896, 0.3104, 0.3085



86.3896, 0.3375, 0.3495



86.3896, 0.2905, 0.3292

Complementary

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



86.3896, 0.3104, 0.3085



95.7914, 0.3148, 0.3499

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.



86.3896, 0.3009, 0.3417



86.3896, 0.3104, 0.3085



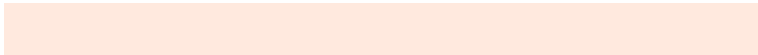
86.3896, 0.3280, 0.3535

Square

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



86.3896, 0.3104, 0.3085



86.3896, 0.3402, 0.3401



86.3896, 0.3146, 0.3507



86.3896, 0.2860, 0.3169

Rectangle

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



86.3896, 0.3104, 0.3085



86.3896, 0.3323, 0.3242



86.3896, 0.3146, 0.3507



86.3896, 0.2934, 0.3335

Sweetspot

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



86.3918, 0.3104, 0.3085



96.5636, 0.3122, 0.3241



86.5778, 0.2999, 0.3132



20.7046, 0.3122, 0.3244



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.



86.3918, 0.3104, 0.3085



83.6821, 0.3099, 0.3040



86.9785, 0.3170, 0.3137



18.0737, 0.3100, 0.3053



9.9316, 0.2622, 0.1218



1.0163, 0.2692, 0.1257

Inverse Universe

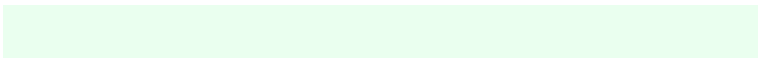
The Inverse Universe completely reimagines the original color for something new.



86.3181, 0.3239, 0.3242



83.6007, 0.3265, 0.3232



95.2542, 0.3087, 0.3448



18.0567, 0.3257, 0.3235



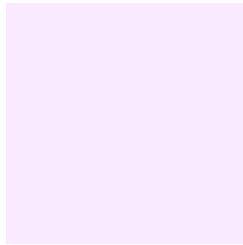
11.2962, 0.5985, 0.3071



1.1159, 0.5674, 0.2900

Previews

White Background



This preview shows how the Yxy color 86.3896, 0.3104, 0.3085 looks on a white background.

Color Contrast Check

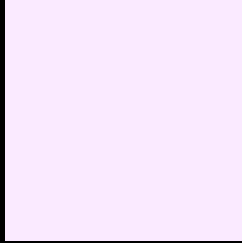
Large Text (above 18pt) WCAG AA × Fail

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 86.3896, 0.3104, 0.3085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

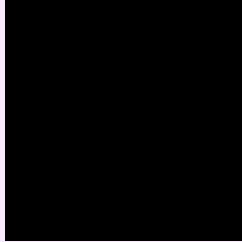
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

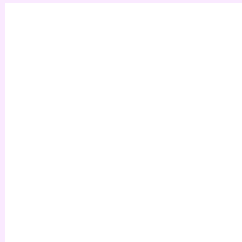
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.3896, 0.3104, 0.3085

Background



This preview shows how black text looks on a background with the Yxy color 86.3896, 0.3104, 0.3085.

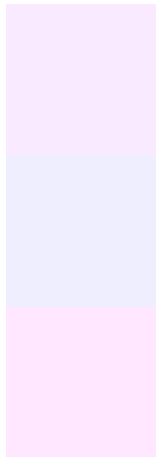


This preview shows how white text looks on a background with the Yxy color 86.3896, 0.3104, 0.3085.

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

86.3896, 0.3104, 0.3085

Protanopia

86.5462, 0.3025, 0.3121

Deuteranopia

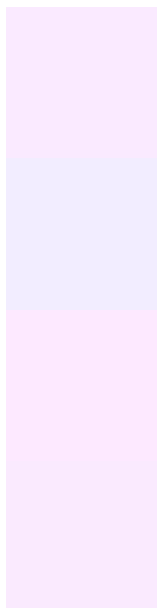
86.1932, 0.3138, 0.3068



Tritanopia

86.2615, 0.3116, 0.3105

Trichromacy



Original Color

86.3896, 0.3104, 0.3085

Protanomaly

86.6656, 0.3051, 0.3112

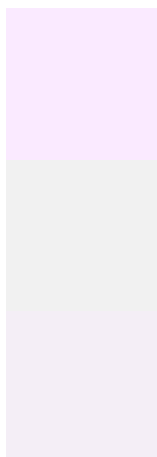
Deuteranomaly

86.3805, 0.3124, 0.3077

Tritanomaly

86.3254, 0.3110, 0.3095

Monochromacy



Original Color

86.3896, 0.3104, 0.3085

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.0360, 0.3118, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.3896, 0.3104, 0.3085 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(250, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 234, 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(250, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 234, 255) }
```

Border

The CSS property to change the border of an element to Yxy 86.3896, 0.3104, 0.3085 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(250, 234, 255) }
```

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

```
.border{ border-color:rgb(250, 234, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 234, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 234,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 86.3896, 0.3104, 0.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 234, 255) }
```

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

```
.background{ background-color: rgb(250,  
234, 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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