

Converting Colors

$Y_{xy}(85.6212, 0.3184, 0.3174)$

Have a look what the booklet for
Yxy(85.6212, 0.3184, 0.3174)
contains.

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Color

Yxy(85.5658, 0.3180, 0.3172)

Conversions

Conversions Part 1	
Format	Color
Hex	FCE9F5
RGB	252, 233, 245
RGB Percent	99%, 91%, 96%
CMY	0.0116, 0.0863, 0.0391
CMYK	0.00, 0.08, 0.03, 0.01
HSL	322°, 76%, 95%
HSV	322°, 8%, 99%
XYZ	85.7816, 85.5658, 98.4061
YIQ	240.0490, 7.4720, 7.7600

Conversions

Conversions Part 2

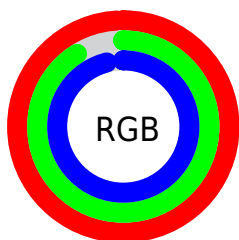
Format	Color
RYB	252, 233, 245
Decimal	16574965
CIELab	94.13, 8.51, -3.49
CIELCh	94, 9.201, 337.679
Yxy	85.5658, 0.3180, 0.3172
Android (android.graphics.Color)	4294765045 (0xFFFC9F5)
YUV	240.0490, 2.4408, 10.4810
Hunter-Lab	92.5018, 3.6540, 1.6768

Details

The Yxy color 85.5658, 0.3180, 0.3172 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 93.2639, 0.3078, 0.3411, and the grayscale version is 87.1618, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 46.7205, 0.3186, 0.3140 is the 20% darker color. If you saturate the color by 10%, you get 71.7521, 0.3262, 0.3009, and if you desaturate by 10%, it is 99.4000, 0.3113, 0.3297.

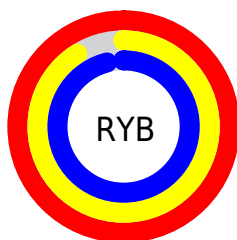
Distribution



Red (99%)

Green (91%)

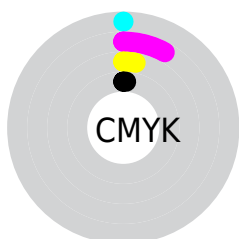
Blue (96%)



Red (99%)

Yellow (91%)

Blue (96%)

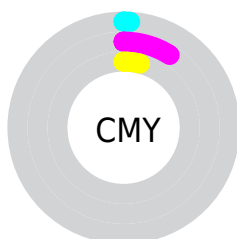


Cyan (0%)

Magenta (8%)

Yellow (3%)

Black (1%)



Cyan (1%)

Magenta (9%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.5658, 0.3180, 0.3172 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 85.5658, 0.3180, 0.3172 by changing the saturation by 10% instead.


 85.5658, 0.3180,
0.3172

 85.5658, 0.3180,
0.3172

513.4984, 0.3157,
0.3225

 64.3090, 0.3185,
0.3160


141.1634, 0.3172,
0.3190

 46.9010, 0.3191,
0.3146

176.2730, 0.3169,
0.3197

 32.9574, 0.3199,
0.3129


216.7690, 0.3166,
0.3203

 22.0938, 0.3209,
0.3107

263.0357, 0.3164,
0.3208

 13.9258, 0.3222,
0.3077

315.4577, 0.3162,
0.3213

 8.0691, 0.3240,
0.3036


374.4191, 0.3160,


 4.1392, 0.3267,


0.3217


0.2976


440.3046, 0.3158,
0.3221

 1.7517, 0.3310,
0.2879


 0.4568, 0.3488,
0.2482


 85.5658, 0.3180,
0.3172


 85.5658, 0.3180,
0.3172


 71.7521, 0.3262,
0.3009

 99.4000, 0.3113,
0.3297

 59.9147, 0.3358,
0.2842

 99.4444, 0.3109,
0.3290

 49.9651, 0.3471,
0.2675

 41.8030, 0.3600,
0.2516

■ 35.3195, 0.3745,
0.2375

■ 30.3931, 0.3902,
0.2264

■ 26.8861, 0.4068,
0.2194

■ 24.6363, 0.4236,
0.2174

■ 23.4304, 0.4399,
0.2207

Harmonies

Analogous

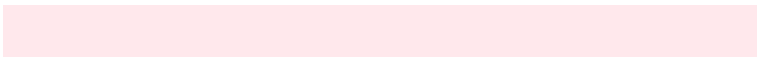
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.5658, 0.3074, 0.3121



85.5658, 0.3180, 0.3172



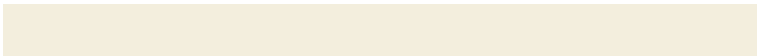
85.5658, 0.3273, 0.3253

Triad

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



85.5658, 0.3180, 0.3172



85.5658, 0.3272, 0.3469



85.5658, 0.2931, 0.3230

Complementary

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



85.5658, 0.3180, 0.3172



93.2639, 0.3078, 0.3411

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.



85.5658, 0.2982, 0.3326



85.5658, 0.3180, 0.3172



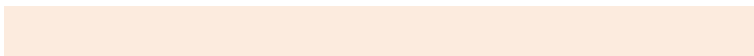
85.5658, 0.3178, 0.3466

Square

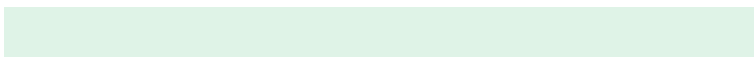
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



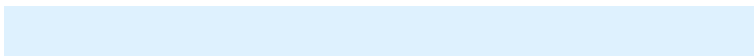
85.5658, 0.3180, 0.3172



85.5658, 0.3327, 0.3424



85.5658, 0.3072, 0.3413



85.5658, 0.2931, 0.3153

Rectangle

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



85.5658, 0.3180, 0.3172



85.5658, 0.3315, 0.3314



85.5658, 0.3072, 0.3413



85.5658, 0.2943, 0.3261

Sweetspot

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



85.5695, 0.3180, 0.3172



96.6688, 0.3140, 0.3259



83.8229, 0.3056, 0.3100



20.7260, 0.3140, 0.3261



0.0000, 0.0000, 0.0000



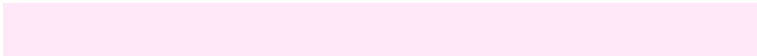
21.4041, 0.3127, 0.3290

Same Dimension

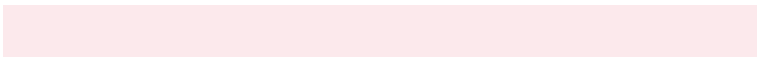
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.5695, 0.3180, 0.3172



85.6893, 0.3191, 0.3149



85.0037, 0.3241, 0.3265



17.4098, 0.3195, 0.3141



12.1185, 0.4413, 0.2205



1.1428, 0.4230, 0.2104

Inverse Universe

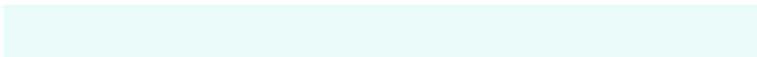
The Inverse Universe completely reimagines the original color for something new.



85.5695, 0.3180, 0.3172



85.6893, 0.3191, 0.3149



93.8437, 0.3024, 0.3315



17.4098, 0.3195, 0.3141



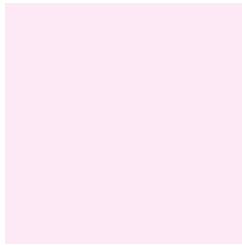
12.1185, 0.4413, 0.2205



1.1428, 0.4230, 0.2104

Previews

White Background



This preview shows how the Yxy color 85.5658, 0.3180, 0.3172 looks on a white background.

Color Contrast Check

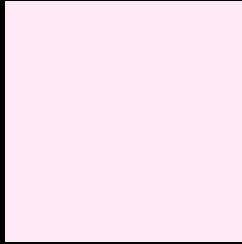
Large Text (above 18pt) WCAG AA × Fail

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 85.5658, 0.3180, 0.3172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

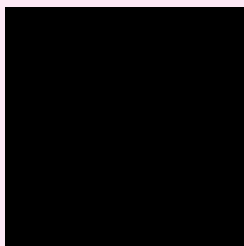
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.5658, 0.3180, 0.3172

Background



This preview shows how black text looks on a background with the Yxy color 85.5658, 0.3180, 0.3172.

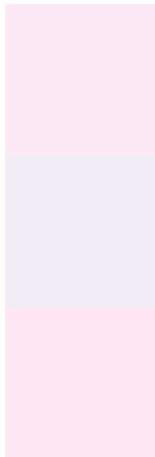


This preview shows how white text looks on a background with the Yxy color 85.5658, 0.3180, 0.3172.

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

85.5658, 0.3180, 0.3172

Protanopia

85.8090, 0.3086, 0.3190

Deuteranopia

85.5049, 0.3207, 0.3173



Tritanopia

85.4980, 0.3156, 0.3115

Trichromacy

	Original Color 85.5658, 0.3180, 0.3172
	Protanomaly 85.8778, 0.3119, 0.3191
	Deuteranomaly 85.3157, 0.3200, 0.3173
	Tritanomaly 85.3732, 0.3168, 0.3134

Monochromacy

	Original Color 85.5658, 0.3180, 0.3172
	Achromatopsia 87.1367, 0.3127, 0.3290
	Achromatomaly 86.2123, 0.3143, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.5658, 0.3180, 0.3172 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, 233, 245) looks like.

```
.text, #text, p{  
    color:rgb(252, 233, 245)  
}
```

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, 233, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 233, 245) }
```

Border

The CSS property to change the border of an element to Yxy 85.5658, 0.3180, 0.3172 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, 233, 245) }
```

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

```
.border{ border-color:rgb(252, 233, 245) }
```

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

Here you see how a box with a 4 pixel rgb(252, 233, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 233, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 233, 245);  
box-shadow:4px 4px 4px 4px rgb(252, 233,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 85.5658, 0.3180, 0.3172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 233, 245) }
```

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

```
.background{ background-color: rgb(252,  
233, 245) }
```

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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