

Converting Colors

Yxy(85.6135, 0.3149, 0.3189)

Have a look what the booklet for
Yxy(85.6135, 0.3149, 0.3189)
contains.

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Color

Yxy(85.7834, 0.3145, 0.3191)

Conversions

Conversions Part 1

Format	Color
Hex	F7EBF5
RGB	247, 235, 245
RGB Percent	97%, 92%, 96%
CMY	0.0314, 0.0784, 0.0392
CMYK	0.00, 0.05, 0.01, 0.03
HSL	310°, 43%, 95%
HSV	310°, 5%, 97%
XYZ	84.5468, 85.7834, 98.4990
YIQ	239.7280, 3.9420, 5.6540

Conversions

Conversions Part 2

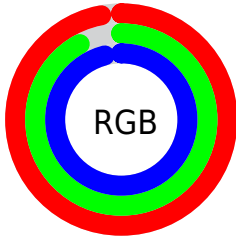
Format	Color
R _Y B	247, 235, 245
Decimal	16247797
CIE Lab	94.22, 5.78, -3.39
CIE LCh	94, 6.703, 329.574
Yxy	85.7834, 0.3145, 0.3191
Android (android.graphics.Color)	4294437877 (0xFFFF7EBF5)
YUV	239.7280, 2.5991, 6.3775
Hunter-Lab	92.6193, 0.8584, 1.7797

Details

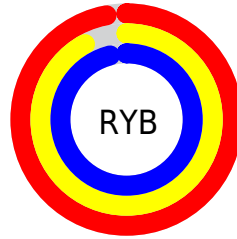
The Yxy color **85.7834, 0.3145, 0.3191** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90.2937, 0.3110, 0.3391**, and the grayscale version is **86.8930, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.9907, 0.3150, 0.3164** is the 20% darker color. If you saturate the color by 10%, you get **72.3656, 0.3186, 0.2981**, and if you desaturate by 10%, it is **98.1379, 0.3112, 0.3347**.

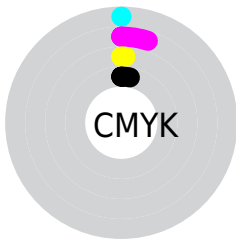
Distribution



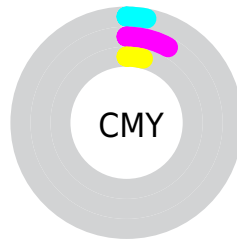
- Red (97%)
- Green (92%)
- Blue (96%)



- Red (97%)
- Yellow (92%)
- Blue (96%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (3%)





- Cyan (3%)
- Magenta (8%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.7834, 0.3145, 0.3191 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 85.7834, 0.3145, 0.3191 by changing the saturation by 10% instead.


 85.7834, 0.3145,
0.3191

 85.7834, 0.3145,
0.3191


514.2167, 0.3137,
0.3235

 64.4889, 0.3147,
0.3181


141.4672, 0.3142,
0.3206

 47.0467, 0.3149,
0.3169


176.6252, 0.3141,
0.3212

 33.0726, 0.3151,
0.3155


217.1733, 0.3140,
0.3217

 22.1821, 0.3155,
0.3136

263.4957, 0.3140,
0.3222

 13.9907, 0.3159,
0.3111

315.9768, 0.3139,
0.3226

 8.1142, 0.3164,
0.3076

375.0011, 0.3138,

 4.1681, 0.3173,

0.3229

0.3025

440.9529, 0.3138,
0.3232

■ 1.7681, 0.3186,
0.2942

■ 0.4671, 0.3254,
0.2598

■ 85.7834, 0.3145,
0.3191

■ 85.7834, 0.3145,
0.3191

■ 72.3656, 0.3186,
0.2981

■ 98.1379, 0.3112,
0.3347

■ 60.8326, 0.3233,
0.2766

■ 98.3950, 0.3088,
0.3308

■ 51.1023, 0.3285,
0.2553

■ 98.5127, 0.3078,
0.3290

■ 43.0819, 0.3342,
0.2349

■ 36.6704, 0.3404,
0.2166

■ 31.7564, 0.3468,
0.2012

■ 28.2139, 0.3533,
0.1897

■ 25.8966, 0.3596,
0.1827

■ 24.6246, 0.3656,
0.1803

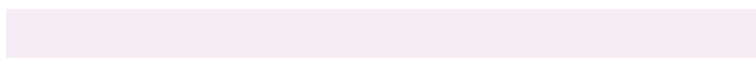
Harmonies

Analogous

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



85.7834, 0.3069, 0.3162



85.7834, 0.3145, 0.3191



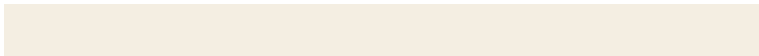
85.7834, 0.3217, 0.3246

Triad

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



85.7834, 0.3145, 0.3191



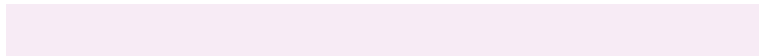
85.7834, 0.3247, 0.3415



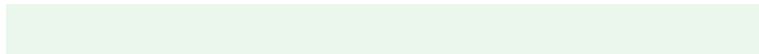
85.7834, 0.2991, 0.3265

Complementary

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



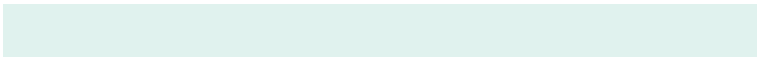
85.7834, 0.3145, 0.3191



90.2937, 0.3110, 0.3391

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.



85.7834, 0.3037, 0.3335



85.7834, 0.3145, 0.3191



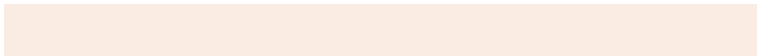
85.7834, 0.3185, 0.3422

Square

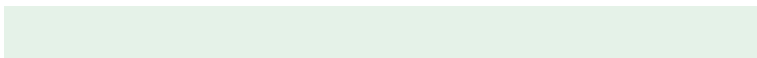
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



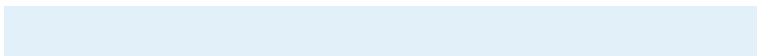
85.7834, 0.3145, 0.3191



85.7834, 0.3277, 0.3374



85.7834, 0.3108, 0.3392



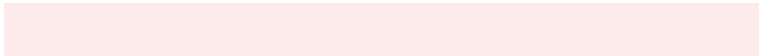
85.7834, 0.2980, 0.3204

Rectangle

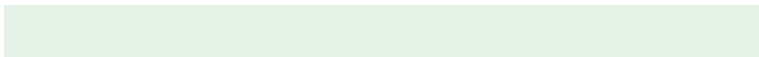
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



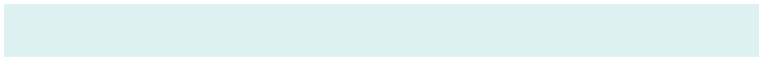
85.7834, 0.3145, 0.3191



85.7834, 0.3253, 0.3290



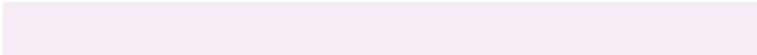
85.7834, 0.3108, 0.3392



85.7834, 0.3003, 0.3288

Sweetspot

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



85.7871, 0.3145, 0.3191



98.3567, 0.3131, 0.3270



84.1067, 0.3065, 0.3169



21.0697, 0.3131, 0.3271



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.



85.7871, 0.3145, 0.3191



90.4622, 0.3149, 0.3167



85.4375, 0.3181, 0.3248



17.5437, 0.3152, 0.3154



12.8395, 0.3676, 0.1799



1.1407, 0.3608, 0.1761

Inverse Universe

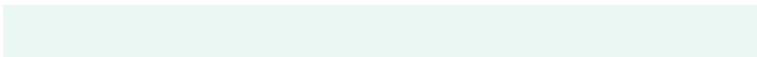
The Inverse Universe completely reimagines the original color for something new.



85.7871, 0.3145, 0.3191



90.4622, 0.3149, 0.3167



90.6390, 0.3076, 0.3332



17.5437, 0.3152, 0.3154



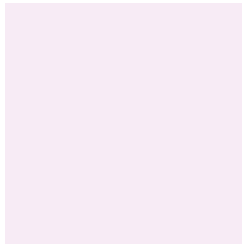
12.8395, 0.3676, 0.1799



1.1407, 0.3608, 0.1761

Previews

White Background



This preview shows how the Yxy color 85.7834, 0.3145, 0.3191 looks on a white background.

Color Contrast Check

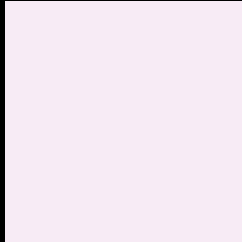
Large Text (above 18pt) WCAG AA × Fail

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 85.7834, 0.3145, 0.3191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

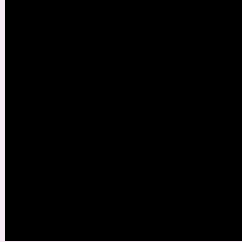
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 85.7834, 0.3145, 0.3191

Background



This preview shows how black text looks on a background with the Yxy color 85.7834, 0.3145, 0.3191.

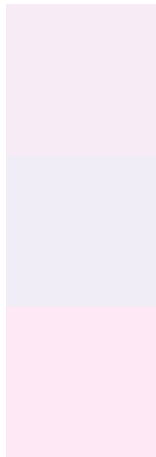


This preview shows how white text looks on a background with the Yxy color 85.7834, 0.3145, 0.3191.

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

85.7834, 0.3145, 0.3191

Protanopia

85.7475, 0.3092, 0.3200

Deuteranopia

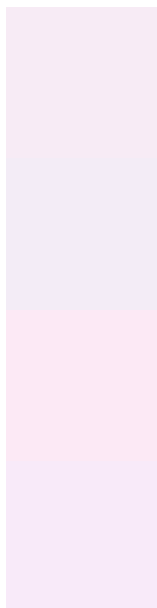
85.5658, 0.3201, 0.3163



Tritanopia

85.8304, 0.3109, 0.3113

Trichromacy



Original Color

85.7834, 0.3145, 0.3191

Protanomaly

85.6994, 0.3112, 0.3190

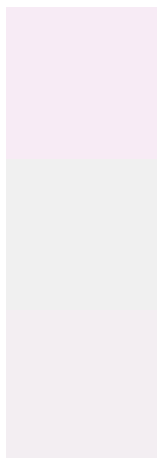
Deuteranomaly

85.5658, 0.3180, 0.3172

Tritanomaly

85.6416, 0.3127, 0.3142

Monochromacy



Original Color

85.7834, 0.3145, 0.3191

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

86.6146, 0.3136, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.7834, 0.3145, 0.3191 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(247, 235, 245)` looks like.

```
.text, #text, p{  
    color:rgb(247, 235, 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(247, 235, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 235, 245) }
```

Border

The CSS property to change the border of an element to Yxy 85.7834, 0.3145, 0.3191 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(247, 235, 245) }
```

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

```
.border{ border-color:rgb(247, 235, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 235, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 235, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 235, 245);  
box-shadow:4px 4px 4px 4px rgb(247, 235,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 85.7834, 0.3145, 0.3191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 235, 245) }
```

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

```
.background{ background-color: rgb(247,  
235, 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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