

Converting Colors

Yxy(85.5894, 0.3165, 0.3331)

Have a look what the booklet for
Yxy(85.5894, 0.3165, 0.3331)
contains.

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Color

Yxy(85.6148, 0.3165, 0.3331)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F0EEEA |
| RGB | 240, 238, 234 |
| RGB Percent | 94%, 93%, 92% |
| CMY | 0.0590, 0.0666, 0.0824 |
| CMYK | 0.00, 0.01, 0.02, 0.06 |
| HSL | 41°, 17%, 93% |
| HSV | 41°, 2%, 94% |
| XYZ | 81.3482, 85.6148, 90.0613 |
| YIQ | 238.1420, 2.4760, -0.8200 |

Conversions

Conversions Part 2

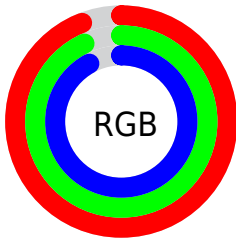
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 237, 240, 234 |
| Decimal | 15789802 |
| CIE Lab | 94.15, -0.05, 2.17 |
| CIE LCh | 94, 2.170, 91.340 |
| Yxy | 85.6148, 0.3165, 0.3331 |
| Android (android.graphics.Color) | 4293979882 (0xFF0EEEA) |
| YUV | 238.1420, -2.0420, 1.6295 |
| Hunter-Lab | 92.5283, -4.9924, 7.0605 |

Details

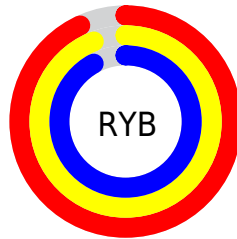
The Yxy color **85.6148, 0.3165, 0.3331** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.7220, 0.3089, 0.3249**, and the grayscale version is **85.6278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.8606, 0.3176, 0.3342** is the 20% darker color. If you saturate the color by 10%, you get **79.8945, 0.3327, 0.3501**, and if you desaturate by 10%, it is **91.5324, 0.3036, 0.3199**.

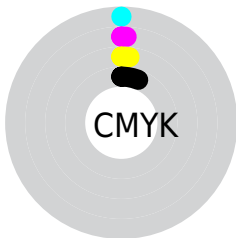
Distribution



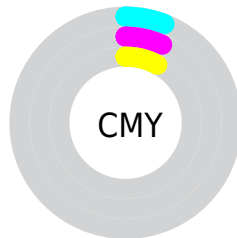
- Red (94%)
- Green (93%)
- Blue (92%)



- Red (93%)
- Yellow (94%)
- Blue (92%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (6%)




- Cyan (6%)
- Magenta (7%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.6148, 0.3165, 0.3331 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 85.6148, 0.3165, 0.3331 by changing the saturation by 10% instead.

 85.6148, 0.3165,
0.3331

 85.6148, 0.3165,
0.3331


513.6602, 0.3148,
0.3313

 64.3495, 0.3169,
0.3335


141.2318, 0.3159,
0.3325

 46.9338, 0.3173,
0.3340


176.3523, 0.3157,
0.3322

 32.9833, 0.3179,
0.3346


216.8600, 0.3155,
0.3320

 22.1137, 0.3187,
0.3354

263.1393, 0.3153,
0.3318

 13.9404, 0.3196,
0.3365

315.5746, 0.3152,
0.3317

 8.0793, 0.3210,
0.3380

374.5502, 0.3150,

 4.1457, 0.3231,

0.3315

0.3402

440.4506, 0.3149,
0.3314

■ 1.7554, 0.3265,
0.3439

■ 0.4591, 0.3502,
0.3695

■ 85.6148, 0.3165,
0.3331

■ 85.6148, 0.3165,
0.3331

■ 79.8945, 0.3327,
0.3501

■ 91.5324, 0.3036,
0.3199

■ 74.5436, 0.3505,
0.3678

■ 96.3640, 0.3035,
0.3276

■ 69.5552, 0.3697,
0.3858

■ 97.2586, 0.3035,
0.3290

■ 64.9182, 0.3901,
0.4033

■ 60.6208, 0.4111,
0.4195

■ 56.6501, 0.4319,
0.4333

■ 52.9920, 0.4515,
0.4435

■ 49.6303, 0.4690,
0.4492

■ 46.5464, 0.4834,
0.4498

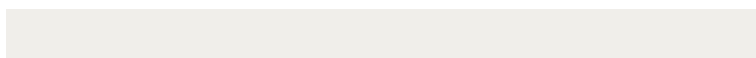
Harmonies

Analogous

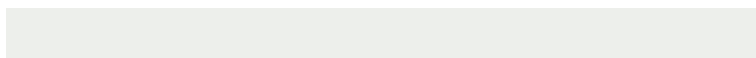
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.6148, 0.3175, 0.3319



85.6148, 0.3165, 0.3331



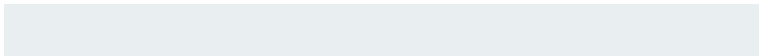
85.6148, 0.3145, 0.3332

Triad

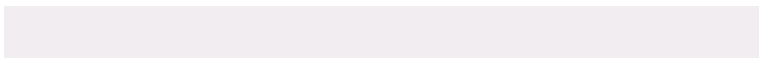
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.6148, 0.3165, 0.3331



85.6148, 0.3082, 0.3281



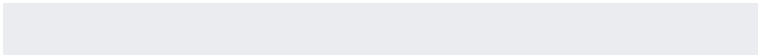
85.6148, 0.3135, 0.3259

Complementary

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



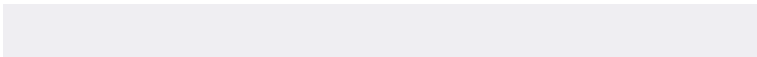
85.6148, 0.3165, 0.3331



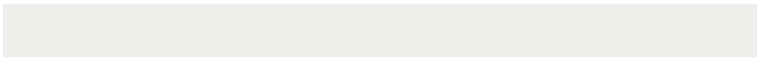
83.7220, 0.3089, 0.3249

Split Complementary

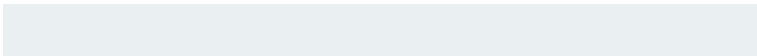
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.6148, 0.3110, 0.3249



85.6148, 0.3165, 0.3331



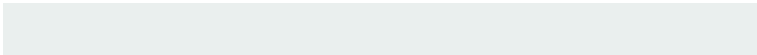
85.6148, 0.3080, 0.3261

Square

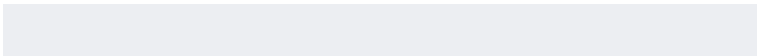
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



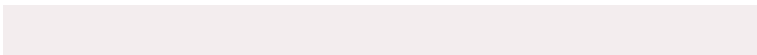
85.6148, 0.3165, 0.3331



85.6148, 0.3097, 0.3303



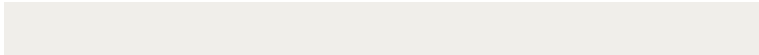
85.6148, 0.3090, 0.3250



85.6148, 0.3158, 0.3277

Rectangle

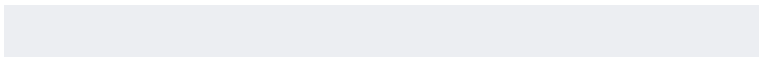
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



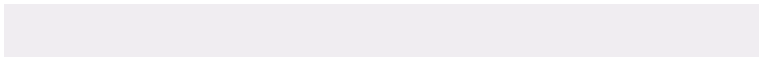
85.6148, 0.3165, 0.3331



85.6148, 0.3128, 0.3327



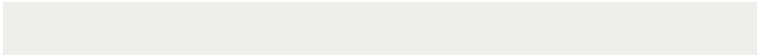
85.6148, 0.3090, 0.3250



85.6148, 0.3126, 0.3254

Sweetspot

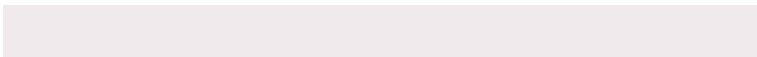
The Sweet Spot groups the original color and five complimentary colors.



85.6185, 0.3165, 0.3331



99.3100, 0.3142, 0.3306



83.4058, 0.3155, 0.3270



21.2637, 0.3142, 0.3306



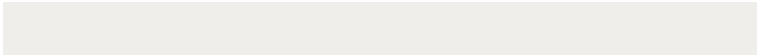
0.0000, 0.0000, 0.0000



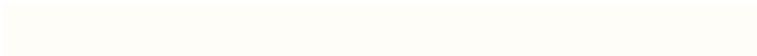
21.4041, 0.3127, 0.3290

Same Dimension

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



85.6185, 0.3165, 0.3331



97.9434, 0.3173, 0.3340



86.5815, 0.3157, 0.3351



18.2478, 0.3185, 0.3353



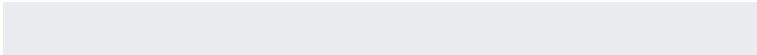
24.5625, 0.4908, 0.4485



2.2233, 0.4790, 0.4578

Inverse Universe

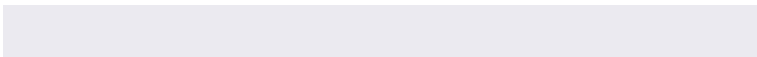
The Inverse Universe completely reimagines the original color for something new.



83.7220, 0.3089, 0.3249



95.3249, 0.3082, 0.3240



82.7796, 0.3097, 0.3229



17.6333, 0.3070, 0.3227



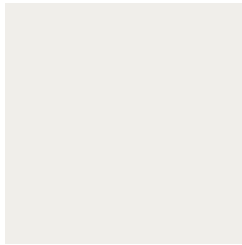
6.6313, 0.1627, 0.1058



0.7257, 0.1700, 0.1318

Previews

White Background



This preview shows how the Yxy color 85.6148, 0.3165, 0.3331 looks on a white background.

Color Contrast Check

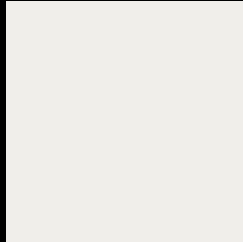
Large Text (above 18pt) WCAG AA × Fail

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 85.6148, 0.3165, 0.3331 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

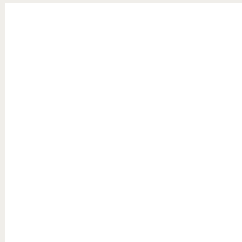
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.6148, 0.3165, 0.3331

Background



This preview shows how black text looks on a background with the Yxy color 85.6148, 0.3165, 0.3331.

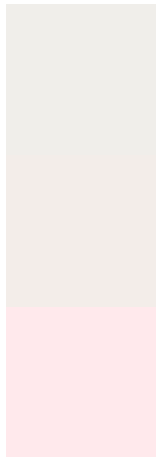


This preview shows how white text looks on a background with the Yxy color 85.6148, 0.3165, 0.3331.

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

85.6148, 0.3165, 0.3331

Protanopia

85.5063, 0.3192, 0.3331

Deuteranopia

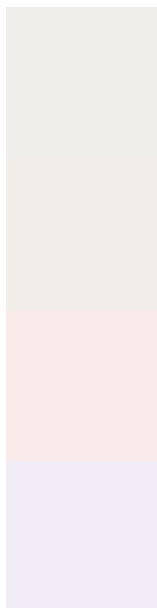
85.5940, 0.3258, 0.3261



Tritanopia

85.6271, 0.3063, 0.3102

Trichromacy



Original Color

85.6148, 0.3165, 0.3331

Protanomaly

85.3288, 0.3185, 0.3331

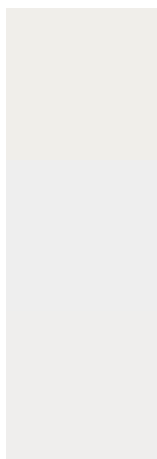
Deuteranomaly

85.7388, 0.3229, 0.3290

Tritanomaly

85.5836, 0.3099, 0.3180

Monochromacy



Original Color

85.6148, 0.3165, 0.3331

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.6142, 0.3140, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.6148, 0.3165, 0.3331 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(240, 238, 234) looks like.

```
.text, #text, p{  
    color:rgb(240, 238, 234)  
}
```

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(240, 238, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 238, 234) }
```

Border

The CSS property to change the border of an element to Yxy 85.6148, 0.3165, 0.3331 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(240, 238, 234) }
```

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

```
.border{ border-color:rgb(240, 238, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 238, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 238, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 238, 234);  
box-shadow:4px 4px 4px 4px rgb(240, 238,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 85.6148, 0.3165, 0.3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 238, 234) }
```

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

```
.background{ background-color: rgb(240,  
238, 234) }
```

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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