

Converting Colors

$Y_{xy}(86.1264, 0.3212, 0.3270)$

Have a look what the booklet for
Yxy(86.1264, 0.3212, 0.3270)
contains.

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Color

Yxy(85.8551, 0.3216, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	FAEBED
RGB	250, 235, 237
RGB Percent	98%, 92%, 93%
CMY	0.0194, 0.0785, 0.0705
CMYK	0.00, 0.06, 0.05, 0.02
HSL	352°, 60%, 95%
HSV	352°, 6%, 98%
XYZ	84.4373, 85.8551, 92.2614
YIQ	239.7130, 8.2980, 3.8020

Conversions

Conversions Part 2

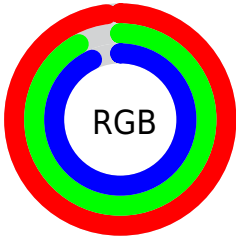
Format	Color
R _Y B	250, 235, 237
Decimal	16444397
CIE Lab	94.25, 5.44, 0.83
CIE LCh	94, 5.503, 8.682
Yxy	85.8551, 0.3216, 0.3270
Android (android.graphics.Color)	4294634477 (0xFFFAEBED)
YUV	239.7130, -1.3375, 9.0217
Hunter-Lab	92.6580, 0.5117, 5.8244

Details

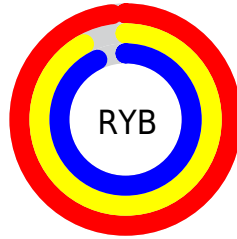
The Yxy color 85.8551, 0.3216, 0.3270 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 92.8465, 0.3045, 0.3310, and the grayscale version is 86.9161, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 47.0457, 0.3242, 0.3265 is the 20% darker color. If you saturate the color by 10%, you get 71.3450, 0.3392, 0.3235, and if you desaturate by 10%, it is 99.0751, 0.3097, 0.3290.

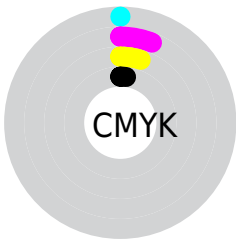
Distribution



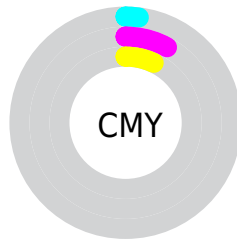
- Red (98%)
- Green (92%)
- Blue (93%)



- Red (98%)
- Yellow (92%)
- Blue (93%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (2%)





- Cyan (2%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.8551, 0.3216, 0.3270 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 85.8551, 0.3216, 0.3270 by changing the saturation by 10% instead.


 85.8551, 0.3216,
0.3270

 85.8551, 0.3216,
0.3270


514.4533, 0.3176,
0.3279

 64.5482, 0.3225,
0.3268


141.5673, 0.3202,
0.3273

 47.0948, 0.3236,
0.3265


176.7413, 0.3197,
0.3274

 33.1106, 0.3249,
0.3262


217.3064, 0.3192,
0.3275

 22.2112, 0.3267,
0.3258

263.6472, 0.3188,
0.3276

 14.0122, 0.3290,
0.3253

316.1478, 0.3185,
0.3277

 8.1291, 0.3323,
0.3245

375.1928, 0.3181,

 4.1777, 0.3371,

0.3278

0.3233

441.1665, 0.3179,
0.3279

■ 1.7734, 0.3453,
0.3213

■ 0.4705, 0.3854,
0.3127

■ 85.8551, 0.3216,
0.3270

■ 85.8551, 0.3216,
0.3270

■ 71.3450, 0.3392,
0.3235

■ 99.0751, 0.3097,
0.3290

■ 58.9071, 0.3611,
0.3198

■ 48.4502, 0.3881,
0.3161

■ 39.8719, 0.4209,
0.3128

■ 33.0604, 0.4595,
0.3102

■ 27.8922, 0.5026,
0.3091

■ 24.2278, 0.5469,
0.3101

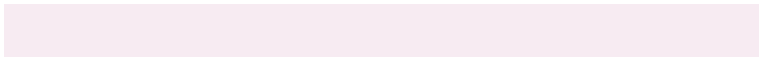
■ 21.9045, 0.5869,
0.3138

■ 20.7212, 0.6167,
0.3196

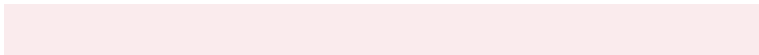
Harmonies

Analogous

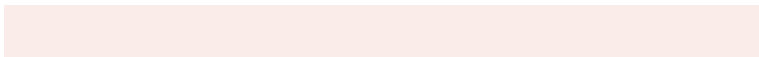
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.8551, 0.3161, 0.3220



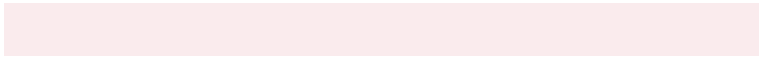
85.8551, 0.3216, 0.3270



85.8551, 0.3247, 0.3325

Triad

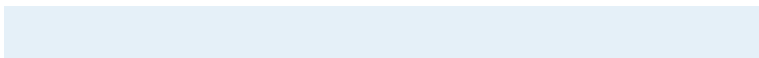
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.8551, 0.3216, 0.3270



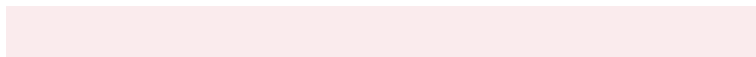
85.8551, 0.3156, 0.3394



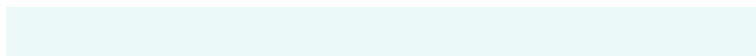
85.8551, 0.3010, 0.3207

Complementary

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



85.8551, 0.3216, 0.3270



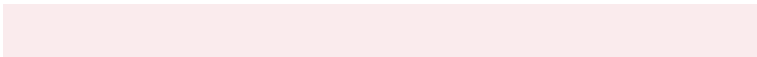
92.8465, 0.3045, 0.3310

Split Complementary

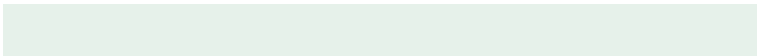
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.8551, 0.3009, 0.3253



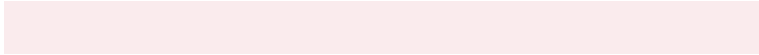
85.8551, 0.3216, 0.3270



85.8551, 0.3093, 0.3362

Square

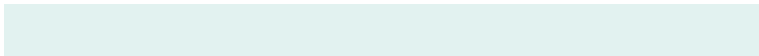
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.8551, 0.3216, 0.3270



85.8551, 0.3212, 0.3397



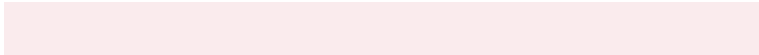
85.8551, 0.3039, 0.3310



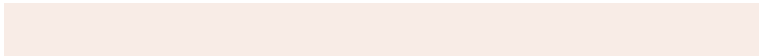
85.8551, 0.3042, 0.3184

Rectangle

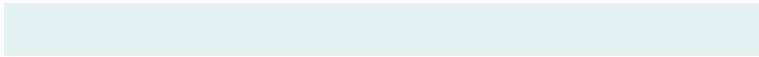
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



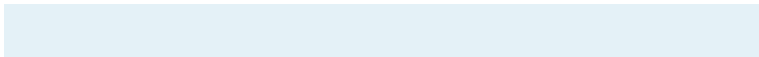
85.8551, 0.3216, 0.3270



85.8551, 0.3250, 0.3358



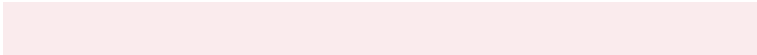
85.8551, 0.3039, 0.3310



85.8551, 0.3006, 0.3221

Sweetspot

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



85.8588, 0.3216, 0.3270



96.5083, 0.3155, 0.3283



86.2333, 0.3119, 0.3142



20.6933, 0.3154, 0.3284



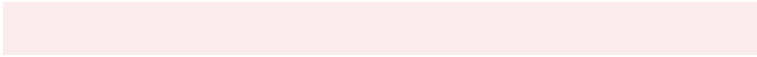
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

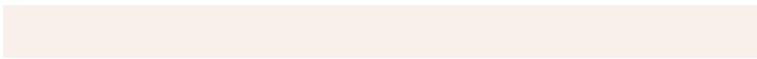
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.8588, 0.3216, 0.3270



88.1809, 0.3232, 0.3267



88.8063, 0.3225, 0.3342



17.8753, 0.3241, 0.3265



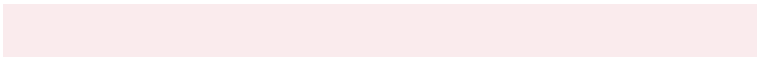
10.8531, 0.6226, 0.3203



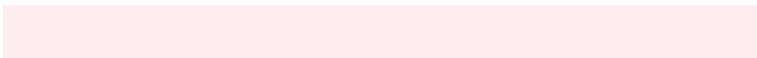
1.0166, 0.5955, 0.3054

Inverse Universe

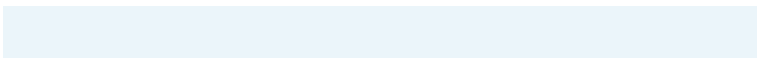
The Inverse Universe completely reimagines the original color for something new.



85.8588, 0.3216, 0.3270



88.1809, 0.3232, 0.3267



89.7394, 0.3034, 0.3237



17.8753, 0.3241, 0.3265



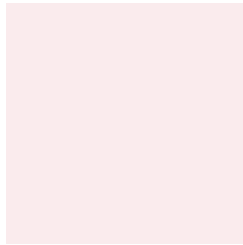
10.8531, 0.6226, 0.3203



1.0166, 0.5955, 0.3054

Previews

White Background



This preview shows how the Yxy color 85.8551, 0.3216, 0.3270 looks on a white background.

Color Contrast Check

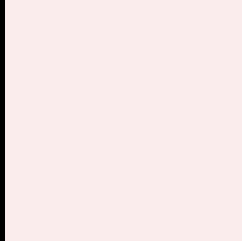
Large Text (above 18pt) WCAG AA × Fail

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 85.8551, 0.3216, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

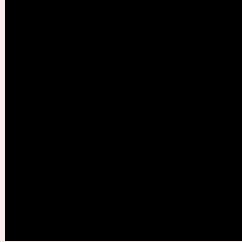
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

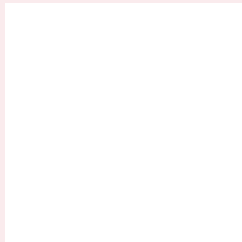
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.8551, 0.3216, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 85.8551, 0.3216, 0.3270.

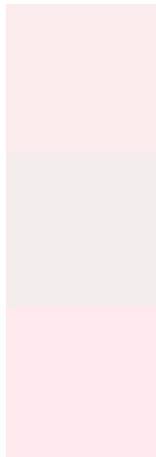


This preview shows how white text looks on a background with the Yxy color 85.8551, 0.3216, 0.3270.

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

85.8551, 0.3216, 0.3270

Protanopia

85.7961, 0.3161, 0.3280

Deuteranopia

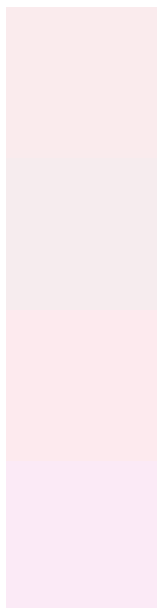
85.7109, 0.3245, 0.3241



Tritanopia

85.9383, 0.3142, 0.3115

Trichromacy



Original Color

85.8551, 0.3216, 0.3270

Protanomaly

85.7568, 0.3182, 0.3270

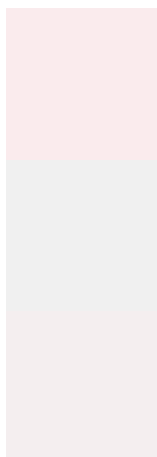
Deuteranomaly

85.9013, 0.3231, 0.3251

Tritanomaly

86.0087, 0.3166, 0.3172

Monochromacy



Original Color

85.8551, 0.3216, 0.3270

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

86.6142, 0.3161, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.8551, 0.3216, 0.3270 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, 235, 237)` looks like.

```
.text, #text, p{  
    color:rgb(250, 235, 237)  
}
```

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, 235, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 235, 237) }
```

Border

The CSS property to change the border of an element to Yxy 85.8551, 0.3216, 0.3270 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, 235, 237) }
```

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

```
.border{ border-color:rgb(250, 235, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 235, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 235, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 235, 237);  
box-shadow:4px 4px 4px 4px rgb(250, 235,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 85.8551, 0.3216, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 235, 237) }
```

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

```
.background{ background-color: rgb(250,  
235, 237) }
```

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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