

Converting Colors

Yxy(85.4423, 0.3161, 0.3275)

Have a look what the booklet for
Yxy(85.4423, 0.3161, 0.3275)
contains.

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Color

Yxy(85.2186, 0.3162, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	F3ECEE
RGB	243, 236, 238
RGB Percent	95%, 93%, 93%
CMY	0.0468, 0.0746, 0.0667
CMYK	0.00, 0.03, 0.02, 0.05
HSL	343°, 23%, 94%
HSV	343°, 3%, 95%
XYZ	82.4040, 85.2186, 92.9847
YIQ	238.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

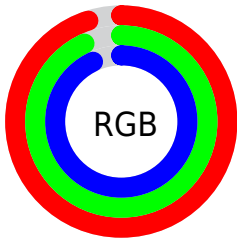
Format	Color
R _Y B	243, 236, 238
Decimal	15985902
CIE Lab	93.98, 2.73, -0.13
CIE LCh	94, 2.731, 357.198
Yxy	85.2186, 0.3162, 0.3270
Android (android.graphics.Color)	4294175982 (0xFF3ECEE)
YUV	238.3210, -0.1583, 4.1035
Hunter-Lab	92.3139, -2.2113, 4.8989

Details

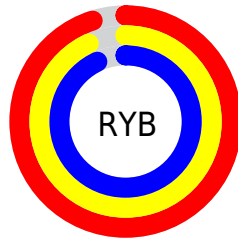
The Yxy color **85.2186, 0.3162, 0.3270** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.3234, 0.3093, 0.3310**, and the grayscale version is **85.7685, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.5847, 0.3171, 0.3264** is the 20% darker color. If you saturate the color by 10%, you get **71.1908, 0.3299, 0.3198**, and if you desaturate by 10%, it is **97.8056, 0.3054, 0.3290**.

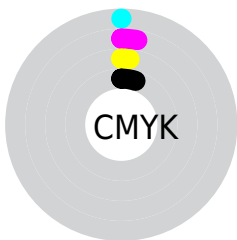
Distribution



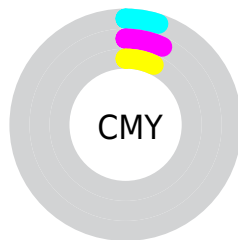
- Red (95%)
- Green (93%)
- Blue (93%)



- Red (95%)
- Yellow (93%)
- Blue (93%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (5%)





- Cyan (5%)
- Magenta (7%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.2186, 0.3162, 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 85.2186, 0.3162, 0.3270 by changing the saturation by 10% instead.

 85.2186, 0.3162,
0.3270

 85.2186, 0.3162,
0.3270

512.3511, 0.3146,
0.3279

 64.0220, 0.3165,
0.3268


140.6786, 0.3157,
0.3273

 46.6685, 0.3170,
0.3266


175.7107, 0.3155,
0.3274

 32.7737, 0.3175,
0.3262

216.1235, 0.3153,
0.3275

 21.9531, 0.3182,
0.3258

262.3014, 0.3151,
0.3276

 13.8225, 0.3191,
0.3253

314.6287, 0.3150,
0.3277

 7.9973, 0.3204,
0.3246

373.4898, 0.3148,

 4.0932, 0.3223,

0.3278

0.3235

439.2692, 0.3147,
0.3279

■ 1.7258, 0.3255,
0.3216

■ 0.4403, 0.3430,
0.3114

■ 85.2186, 0.3162,
0.3270

■ 85.2186, 0.3162,
0.3270

■ 71.1908, 0.3299,
0.3198

■ 97.8056, 0.3054,
0.3290

■ 59.0838, 0.3468,
0.3122

■ 48.8170, 0.3675,
0.3045

■ 40.2994, 0.3925,
0.2969

■ 33.4326, 0.4223,
0.2903

■ 28.1080, 0.4564,
0.2856

■ 24.2041, 0.4936,
0.2839

■ 21.5810, 0.5312,
0.2864

■ 20.0694, 0.5656,
0.2935

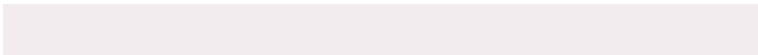
Harmonies

Analogous

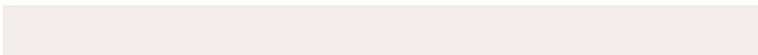
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.2186, 0.3132, 0.3248



85.2186, 0.3162, 0.3270



85.2186, 0.3183, 0.3297

Triad

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



85.2186, 0.3162, 0.3270



85.2186, 0.3153, 0.3344



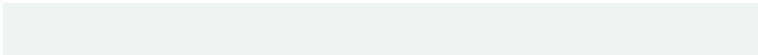
85.2186, 0.3067, 0.3257

Complementary

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



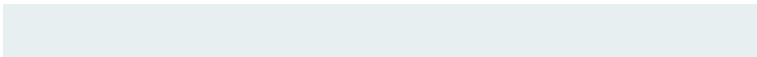
85.2186, 0.3162, 0.3270



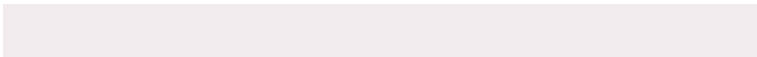
88.3234, 0.3093, 0.3310

Split Complementary

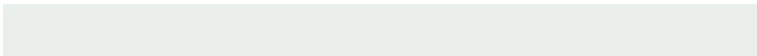
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.2186, 0.3072, 0.3283



85.2186, 0.3162, 0.3270



85.2186, 0.3122, 0.3333

Square

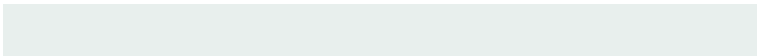
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



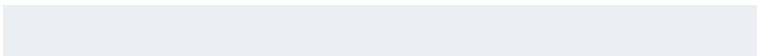
85.2186, 0.3162, 0.3270



85.2186, 0.3177, 0.3340



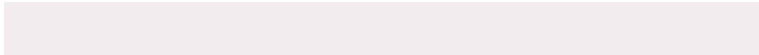
85.2186, 0.3093, 0.3311



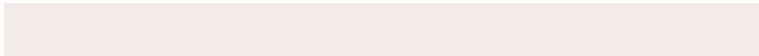
85.2186, 0.3077, 0.3240

Rectangle

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



85.2186, 0.3162, 0.3270



85.2186, 0.3188, 0.3315



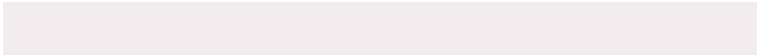
85.2186, 0.3093, 0.3311



85.2186, 0.3067, 0.3265

Sweetspot

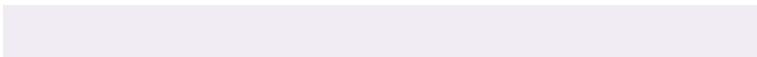
The Sweet Spot groups the original color and five complimentary colors.



85.2223, 0.3162, 0.3270



98.2666, 0.3139, 0.3283



85.1699, 0.3117, 0.3219



21.0514, 0.3138, 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.



85.2223, 0.3162, 0.3270



94.8674, 0.3163, 0.3269



85.9916, 0.3174, 0.3306



18.3364, 0.3173, 0.3264



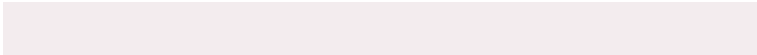
10.7117, 0.5824, 0.2982



0.9583, 0.5470, 0.2787

Inverse Universe

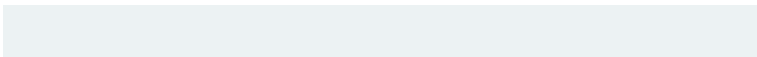
The Inverse Universe completely reimagines the original color for something new.



85.2223, 0.3162, 0.3270



94.8674, 0.3163, 0.3269



87.5299, 0.3082, 0.3274



18.3364, 0.3173, 0.3264



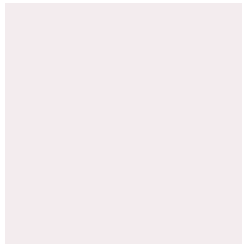
10.7117, 0.5824, 0.2982



0.9583, 0.5470, 0.2787

Previews

White Background



This preview shows how the Yxy color 85.2186, 0.3162, 0.3270 looks on a white background.

Color Contrast Check

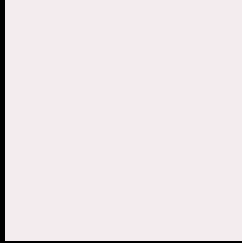
Large Text (above 18pt) WCAG AA × Fail

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 85.2186, 0.3162, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

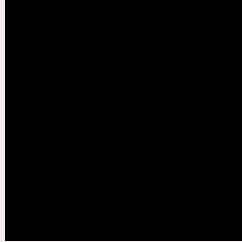
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

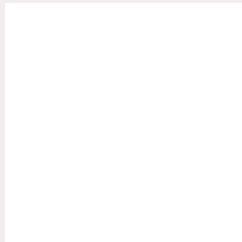
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.2186, 0.3162, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 85.2186, 0.3162, 0.3270.

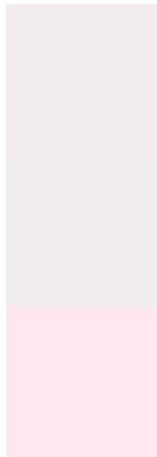


This preview shows how white text looks on a background with the Yxy color 85.2186, 0.3162, 0.3270.

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

85.2186, 0.3162, 0.3270

Protanopia

84.8647, 0.3148, 0.3270

Deuteranopia

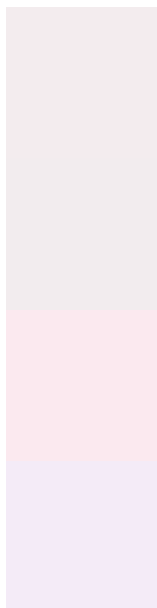
85.2052, 0.3240, 0.3222



Tritanopia

85.2864, 0.3089, 0.3112

Trichromacy



Original Color

85.2186, 0.3162, 0.3270

Protanomaly

85.0412, 0.3155, 0.3270

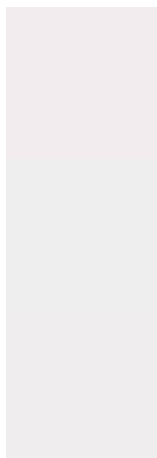
Deuteranomaly

85.0191, 0.3211, 0.3231

Tritanomaly

85.3652, 0.3113, 0.3171

Monochromacy



Original Color

85.2186, 0.3162, 0.3270

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.2667, 0.3141, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.2186, 0.3162, 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(243, 236, 238) looks like.

```
.text, #text, p{  
    color:rgb(243, 236, 238)  
}
```

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(243, 236, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 236, 238) }
```

Border

The CSS property to change the border of an element to Yxy 85.2186, 0.3162, 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(243, 236, 238) }
```

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

```
.border{ border-color:rgb(243, 236, 238) }
```

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

Here you see how a box with a 4 pixel rgb(243, 236, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 236, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 236, 238);  
box-shadow:4px 4px 4px 4px rgb(243, 236,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 85.2186, 0.3162, 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(243, 236, 238) }
```

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

```
.background{ background-color: rgb(243,  
236, 238) }
```

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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