

Converting Colors

$Y_{xy}(85.2715, 0.3210, 0.3251)$

Have a look what the booklet for
Yxy(85.2715, 0.3210, 0.3251)
contains.

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Color

Yxy(85.3427, 0.3210, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	FAEAEE
RGB	250, 234, 238
RGB Percent	98%, 92%, 93%
CMY	0.0198, 0.0823, 0.0667
CMYK	0.00, 0.06, 0.05, 0.02
HSL	345°, 61%, 95%
HSV	345°, 6%, 98%
XYZ	84.2664, 85.3427, 92.9030
YIQ	239.2400, 8.2520, 4.6360

Conversions

Conversions Part 2

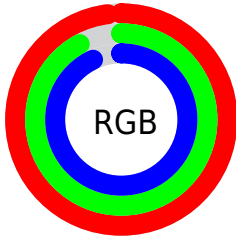
Format	Color
R _Y B	250, 234, 238
Decimal	16444142
CIE Lab	94.03, 6.06, 0.01
CIE LCh	94, 6.063, 0.133
Yxy	85.3427, 0.3210, 0.3251
Android (android.graphics.Color)	4294634222 (0xFFFAEAE)
YUV	239.2400, -0.6113, 9.4365
Hunter-Lab	92.3811, 1.1537, 5.0418

Details

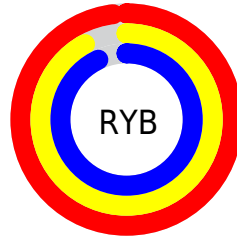
The Yxy color **85.3427, 0.3210, 0.3251** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **92.4970, 0.3050, 0.3329**, and the grayscale version is **86.5112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.6875, 0.3234, 0.3240** is the 20% darker color. If you saturate the color by 10%, you get **71.0546, 0.3365, 0.3186**, and if you desaturate by 10%, it is **99.0568, 0.3096, 0.3290**.

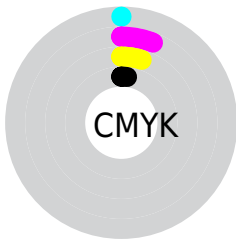
Distribution



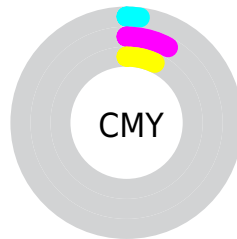
- Red (98%)
- Green (92%)
- Blue (93%)



- 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 85.3427, 0.3210, 0.3251 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 85.3427, 0.3210, 0.3251 by changing the saturation by 10% instead.


 85.3427, 0.3210,
0.3251

 85.3427, 0.3210,
0.3251


512.7614, 0.3173,
0.3269

 64.1246, 0.3218,
0.3247

140.8519, 0.3197,
0.3257

 46.7516, 0.3228,
0.3242


175.9117, 0.3192,
0.3259

 32.8393, 0.3241,
0.3236


216.3543, 0.3188,
0.3261

 22.0034, 0.3257,
0.3229

262.5639, 0.3184,
0.3263

 13.8594, 0.3279,
0.3218

314.9251, 0.3181,
0.3265

 8.0229, 0.3309,
0.3204

373.8221, 0.3178,

 4.1096, 0.3355,

0.3266

0.3182

439.6394, 0.3175,
0.3268

■ 1.7351, 0.3431,
0.3146

■ 0.4462, 0.3806,
0.2968

■ 85.3427, 0.3210,
0.3251

■ 85.3427, 0.3210,
0.3251

■ 71.0546, 0.3365,
0.3186

■ 99.0568, 0.3096,
0.3290

■ 58.7987, 0.3555,
0.3119

■ 48.4857, 0.3789,
0.3051

■ 40.0151, 0.4071,
0.2987

■ 33.2773, 0.4403,
0.2935

■ 28.1512, 0.4777,
0.2904

■ 24.4997, 0.5173,
0.2907

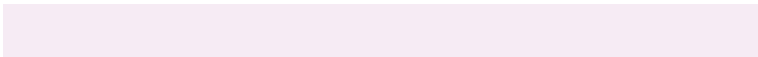
■ 22.1628, 0.5554,
0.2950

■ 20.9415, 0.5878,
0.3034

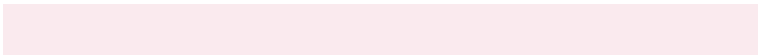
Harmonies

Analogous

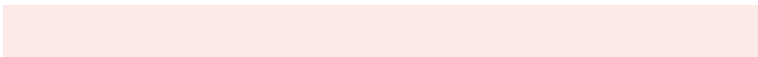
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.3427, 0.3145, 0.3201



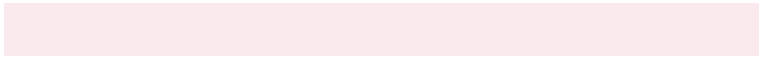
85.3427, 0.3210, 0.3251



85.3427, 0.3253, 0.3312

Triad

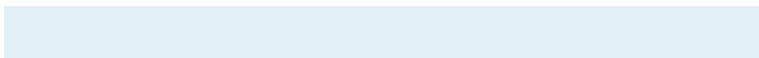
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.3427, 0.3210, 0.3251



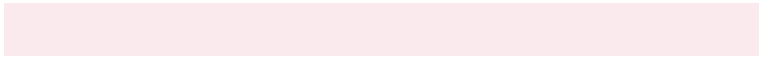
85.3427, 0.3178, 0.3409



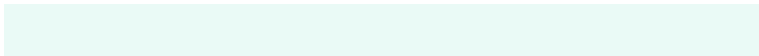
85.3427, 0.2994, 0.3211

Complementary

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



85.3427, 0.3210, 0.3251



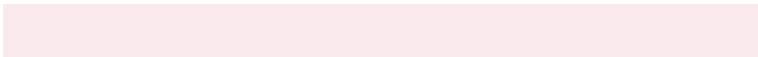
92.4970, 0.3050, 0.3329

Split Complementary

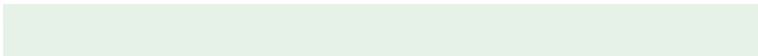
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.3427, 0.3003, 0.3267



85.3427, 0.3210, 0.3251



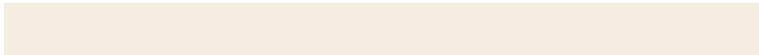
85.3427, 0.3109, 0.3382

Square

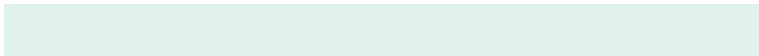
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.3427, 0.3210, 0.3251



85.3427, 0.3235, 0.3404



85.3427, 0.3045, 0.3329



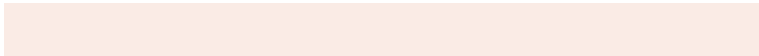
85.3427, 0.3020, 0.3177

Rectangle

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



85.3427, 0.3210, 0.3251



85.3427, 0.3263, 0.3350



85.3427, 0.3045, 0.3329



85.3427, 0.2993, 0.3228

Sweetspot

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



85.3464, 0.3210, 0.3251



96.5446, 0.3152, 0.3278



85.3460, 0.3108, 0.3133



20.7007, 0.3151, 0.3279



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

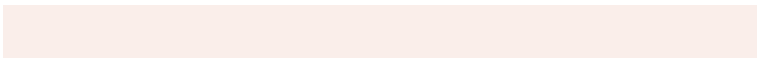
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.3464, 0.3210, 0.3251



86.7193, 0.3233, 0.3241



87.4113, 0.3232, 0.3330



17.2959, 0.3255, 0.3231



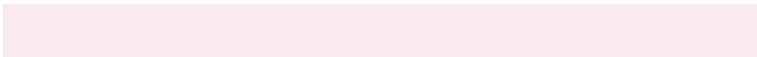
10.9845, 0.5939, 0.3045



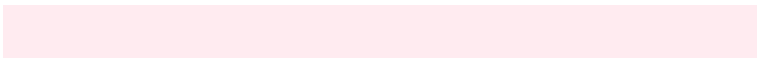
1.0335, 0.5608, 0.2863

Inverse Universe

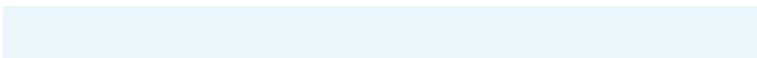
The Inverse Universe completely reimagines the original color for something new.



85.3464, 0.3210, 0.3251



86.7193, 0.3233, 0.3241



90.2927, 0.3028, 0.3250



17.2959, 0.3255, 0.3231



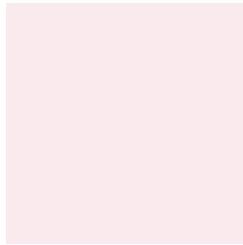
10.9845, 0.5939, 0.3045



1.0335, 0.5608, 0.2863

Previews

White Background



This preview shows how the Yxy color 85.3427, 0.3210, 0.3251 looks on a white background.

Color Contrast Check

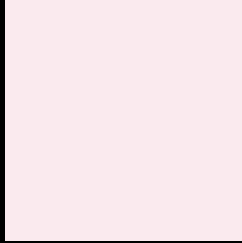
Large Text (above 18pt) WCAG AA × Fail

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 85.3427, 0.3210, 0.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

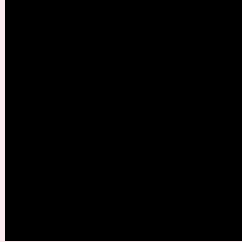
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

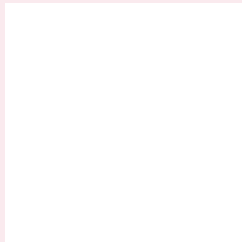
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.3427, 0.3210, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 85.3427, 0.3210, 0.3251.

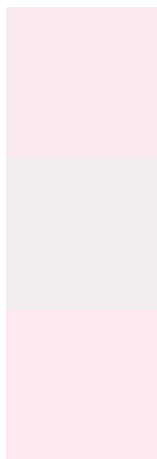


This preview shows how white text looks on a background with the Yxy color 85.3427, 0.3210, 0.3251.

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

85.3427, 0.3210, 0.3251

Protanopia

85.5604, 0.3135, 0.3260

Deuteranopia

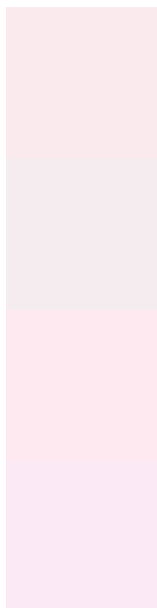
85.2052, 0.3240, 0.3222



Tritanopia

85.3108, 0.3149, 0.3114

Trichromacy



Original Color

85.3427, 0.3210, 0.3251

Protanomaly

85.4560, 0.3162, 0.3260

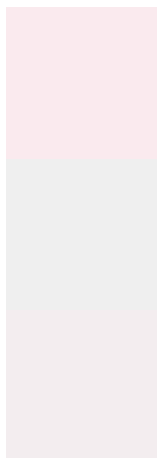
Deuteranomaly

85.3925, 0.3225, 0.3231

Tritanomaly

85.4409, 0.3167, 0.3162

Monochromacy



Original Color

85.3427, 0.3210, 0.3251

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

85.8551, 0.3155, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.3427, 0.3210, 0.3251 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, 234, 238)` looks like.

```
.text, #text, p{  
    color:rgb(250, 234, 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(250, 234, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 234, 238) }
```

Border

The CSS property to change the border of an element to Yxy 85.3427, 0.3210, 0.3251 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, 234, 238) }
```

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

```
.border{ border-color:rgb(250, 234, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 234, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 234, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 234, 238);  
box-shadow:4px 4px 4px 4px rgb(250, 234,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 85.3427, 0.3210, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 234, 238) }
```

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

```
.background{ background-color: rgb(250,  
234, 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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