

Converting Colors

$Yxy(85.1342, 0.3205, 0.3269)$

Have a look what the booklet for
Yxy(85.1342, 0.3205, 0.3269)
contains.

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Color

Yxy(84.9165, 0.3203, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	F8EAED
RGB	248, 234, 237
RGB Percent	97%, 92%, 93%
CMY	0.0273, 0.0824, 0.0705
CMYK	0.00, 0.06, 0.04, 0.03
HSL	347°, 50%, 95%
HSV	347°, 6%, 97%
XYZ	83.4318, 84.9165, 92.1318
YIQ	238.5280, 7.3810, 3.9010

Conversions

Conversions Part 2

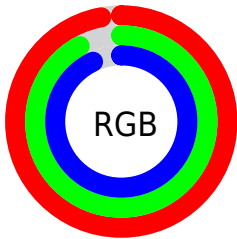
Format	Color
R _Y B	248, 234, 237
Decimal	16313069
CIE Lab	93.85, 5.26, 0.22
CIE LCh	94, 5.267, 2.439
Yxy	84.9165, 0.3203, 0.3260
Android (android.graphics.Color)	4294503149 (0xFFF8EAED)
YUV	238.5280, -0.7533, 8.3069
Hunter-Lab	92.1501, 0.3492, 5.2269

Details

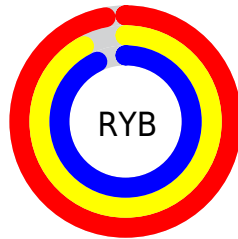
The Yxy color **84.9165, 0.3203, 0.3260** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **91.2401, 0.3056, 0.3320**, and the grayscale version is **85.9387, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.3835, 0.3225, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **70.6965, 0.3362, 0.3204**, and if you desaturate by 10%, it is **98.7028, 0.3084, 0.3290**.

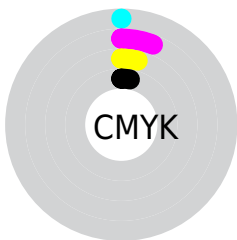
Distribution



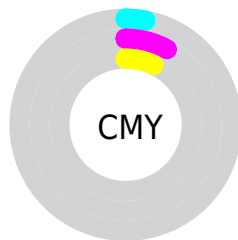
- Red (97%)
- Green (92%)
- Blue (93%)



- Red (97%)
- Yellow (92%)
- Blue (93%)



- Cyan (0%)
- Magenta (6%)
- Yellow (4%)
- Black (3%)





- Cyan (3%)
- Magenta (8%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.9165, 0.3203, 0.3260 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 84.9165, 0.3203, 0.3260 by changing the saturation by 10% instead.


 84.9165, 0.3203,
0.3260

 84.9165, 0.3203,
0.3260


511.3517, 0.3169,
0.3274

 63.7724, 0.3211,
0.3257


140.2565, 0.3191,
0.3265

 46.4663, 0.3220,
0.3253


175.2212, 0.3187,
0.3267

 32.6140, 0.3231,
0.3249


215.5615, 0.3183,
0.3268

 21.8309, 0.3246,
0.3243

261.6619, 0.3179,
0.3269

 13.7327, 0.3266,
0.3235

313.9067, 0.3176,
0.3271

 7.9350, 0.3294,
0.3223

372.6804, 0.3174,

 4.0534, 0.3336,

0.3272

0.3206

438.3672, 0.3171,
0.3273

■ 1.7035, 0.3407,
0.3178

■ 0.4259, 0.3789,
0.3027

■ 84.9165, 0.3203,
0.3260

■ 84.9165, 0.3203,
0.3260

■ 70.6965, 0.3362,
0.3204

■ 98.7028, 0.3084,
0.3290

■ 58.4875, 0.3558,
0.3145

■ 48.2017, 0.3798,
0.3086

■ 39.7405, 0.4090,
0.3031

■ 32.9965, 0.4435,
0.2985

■ 27.8512, 0.4824,
0.2959

■ 24.1707, 0.5235,
0.2963

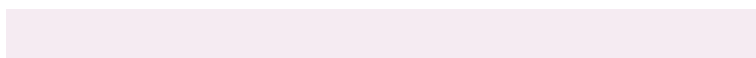
■ 21.7992, 0.5628,
0.3004

■ 20.5445, 0.5955,
0.3081

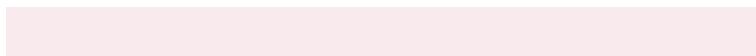
Harmonies

Analogous

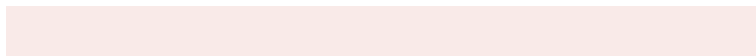
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.9165, 0.3147, 0.3215



84.9165, 0.3203, 0.3260



84.9165, 0.3239, 0.3313

Triad

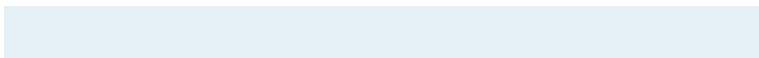
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.9165, 0.3203, 0.3260



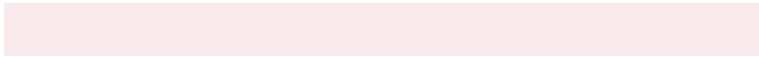
84.9165, 0.3167, 0.3393



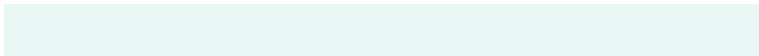
84.9165, 0.3012, 0.3218

Complementary

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



84.9165, 0.3203, 0.3260



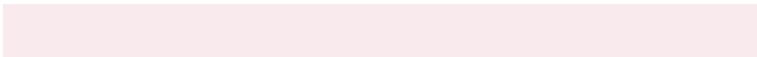
91.2401, 0.3056, 0.3320

Split Complementary

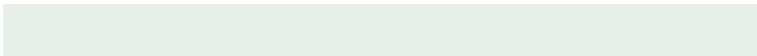
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.9165, 0.3017, 0.3266



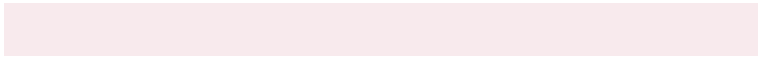
84.9165, 0.3203, 0.3260



84.9165, 0.3107, 0.3367

Square

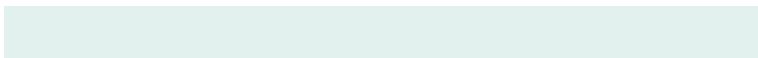
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



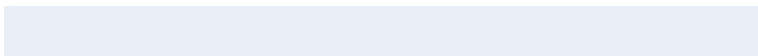
84.9165, 0.3203, 0.3260



84.9165, 0.3218, 0.3390



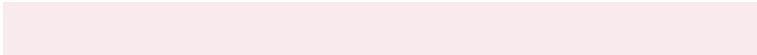
84.9165, 0.3052, 0.3320



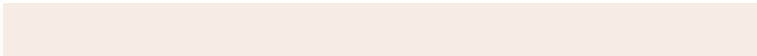
84.9165, 0.3037, 0.3191

Rectangle

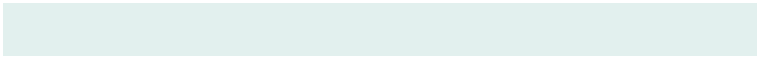
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



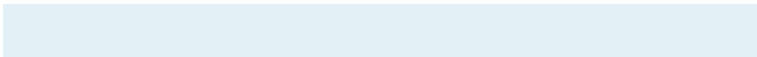
84.9165, 0.3203, 0.3260



84.9165, 0.3246, 0.3346



84.9165, 0.3052, 0.3320



84.9165, 0.3010, 0.3232

Sweetspot

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



84.9202, 0.3203, 0.3260



96.5342, 0.3153, 0.3280



85.0321, 0.3113, 0.3151



20.6986, 0.3152, 0.3280



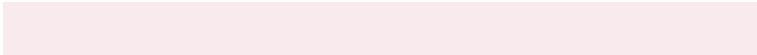
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

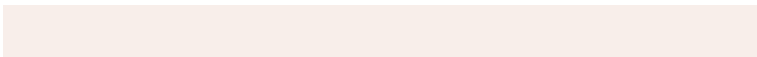
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.9202, 0.3203, 0.3260



88.2664, 0.3222, 0.3253



87.0353, 0.3219, 0.3330



17.8942, 0.3231, 0.3249



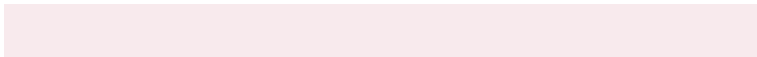
10.9388, 0.6035, 0.3098



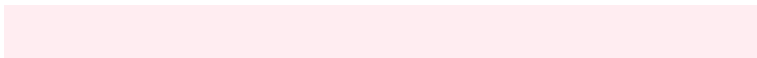
1.0281, 0.5713, 0.2921

Inverse Universe

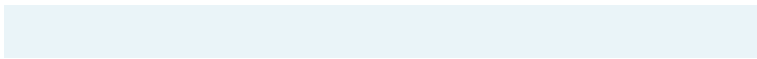
The Inverse Universe completely reimagines the original color for something new.



84.9202, 0.3203, 0.3260



88.2664, 0.3222, 0.3253



89.0058, 0.3040, 0.3250



17.8942, 0.3231, 0.3249



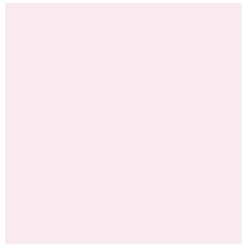
10.9388, 0.6035, 0.3098



1.0281, 0.5713, 0.2921

Previews

White Background



This preview shows how the Yxy color 84.9165, 0.3203, 0.3260 looks on a white background.

Color Contrast Check

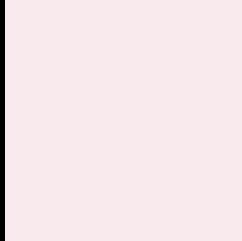
Large Text (above 18pt) WCAG AA × Fail

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 84.9165, 0.3203, 0.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

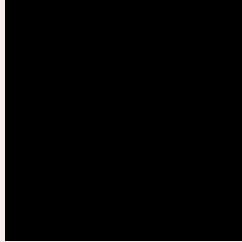
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

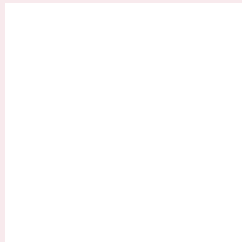
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.9165, 0.3203, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 84.9165, 0.3203, 0.3260.

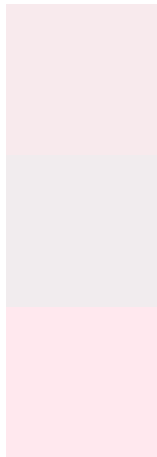


This preview shows how white text looks on a background with the Yxy color 84.9165, 0.3203, 0.3260.

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

84.9165, 0.3203, 0.3260

Protanopia

84.8647, 0.3148, 0.3270

Deuteranopia

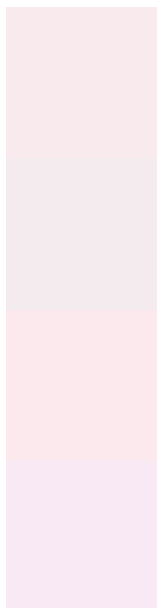
85.1463, 0.3246, 0.3231



Tritanopia

84.9393, 0.3135, 0.3114

Trichromacy



Original Color

84.9165, 0.3203, 0.3260

Protanomaly

84.8228, 0.3169, 0.3260

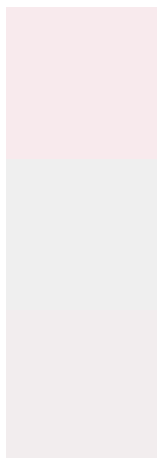
Deuteranomaly

85.1463, 0.3225, 0.3241

Tritanomaly

85.0101, 0.3160, 0.3172

Monochromacy



Original Color

84.9165, 0.3203, 0.3260

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

85.6187, 0.3154, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.9165, 0.3203, 0.3260 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(248, 234, 237) looks like.

```
.text, #text, p{  
    color:rgb(248, 234, 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(248, 234, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 234, 237) }
```

Border

The CSS property to change the border of an element to Yxy 84.9165, 0.3203, 0.3260 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(248, 234, 237) }
```

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

```
.border{ border-color:rgb(248, 234, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 234, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 234, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 234, 237);  
box-shadow:4px 4px 4px 4px rgb(248, 234,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 84.9165, 0.3203, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 234, 237) }
```

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

```
.background{ background-color: rgb(248,  
234, 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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