

Converting Colors

$Yxy(84.8151, 0.3234, 0.3296)$

Have a look what the booklet for
Yxy(84.8151, 0.3234, 0.3296)
contains.

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Color

Yxy(84.8686, 0.3235, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	F9EAE9
RGB	249, 234, 233
RGB Percent	98%, 92%, 91%
CMY	0.0236, 0.0823, 0.0861
CMYK	0.00, 0.06, 0.06, 0.02
HSL	4°, 57%, 95%
HSV	4°, 6%, 98%
XYZ	83.1969, 84.8686, 89.1120
YIQ	238.3710, 9.2610, 2.8690

Conversions

Conversions Part 2

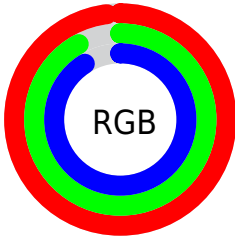
Format	Color
R _Y B	249, 234, 233
Decimal	16378601
CIE Lab	93.83, 4.90, 2.28
CIE LCh	94, 5.405, 24.927
Yxy	84.8686, 0.3235, 0.3300
Android (android.graphics.Color)	4294568681 (0xFF9EAE9)
YUV	238.3710, -2.6479, 9.3216
Hunter-Lab	92.1242, -0.0147, 7.1355

Details

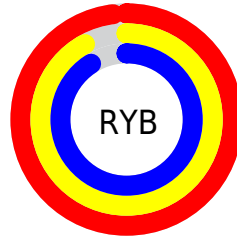
The Yxy color **84.8686, 0.3235, 0.3300** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91.3094, 0.3028, 0.3280**, and the grayscale version is **85.8203, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.3526, 0.3267, 0.3303** is the 20% darker color. If you saturate the color by 10%, you get **71.1022, 0.3436, 0.3317**, and if you desaturate by 10%, it is **98.8768, 0.3090, 0.3290**.

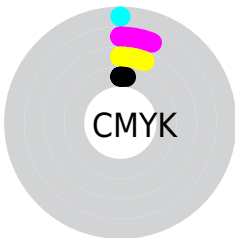
Distribution



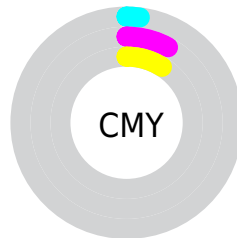
- Red (98%)
- Green (92%)
- Blue (91%)



- Red (98%)
- Yellow (92%)
- Blue (91%)



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




- Cyan (2%)
- Magenta (8%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.8686, 0.3235, 0.3300 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 84.8686, 0.3235, 0.3300 by changing the saturation by 10% instead.

 84.8686, 0.3235,
0.3300

 84.8686, 0.3235,
0.3300

511.1932, 0.3186,
0.3296

 63.7328, 0.3246,
0.3301


140.1896, 0.3218,
0.3299

 46.4343, 0.3259,
0.3302


175.1436, 0.3212,
0.3298

 32.5887, 0.3276,
0.3303


215.4724, 0.3206,
0.3298

 21.8115, 0.3297,
0.3305

261.5605, 0.3201,
0.3297

 13.7185, 0.3326,
0.3307

313.7922, 0.3197,
0.3297

 7.9251, 0.3366,
0.3310

372.5520, 0.3193,

 4.0471, 0.3427,

0.3296

0.3313

438.2242, 0.3189,
0.3296

■ 1.6999, 0.3528,
0.3318

■ 0.4236, 0.4185,
0.3395

■ 84.8686, 0.3235,
0.3300

■ 84.8686, 0.3235,
0.3300

■ 71.1022, 0.3436,
0.3317

■ 98.8768, 0.3090,
0.3290

■ 59.2126, 0.3686,
0.3334

■ 49.1221, 0.3993,
0.3352

■ 40.7430, 0.4363,
0.3369

■ 33.9802, 0.4793,
0.3381

■ 28.7297, 0.5259,
0.3385

■ 24.8749, 0.5713,
0.3379

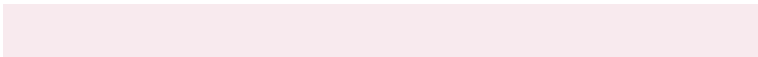
■ 22.2826, 0.6086,
0.3360

■ 20.7932, 0.6317,
0.3331

Harmonies

Analogous

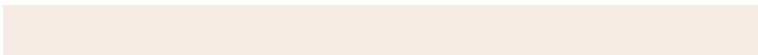
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.8686, 0.3192, 0.3246



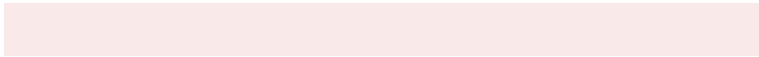
84.8686, 0.3235, 0.3300



84.8686, 0.3249, 0.3352

Triad

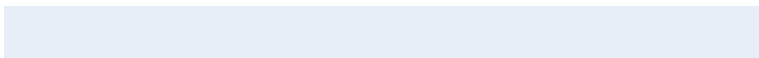
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.8686, 0.3235, 0.3300



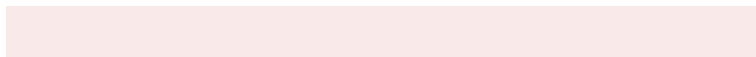
84.8686, 0.3122, 0.3378



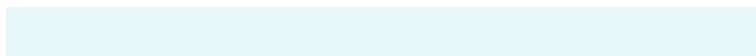
84.8686, 0.3026, 0.3193

Complementary

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



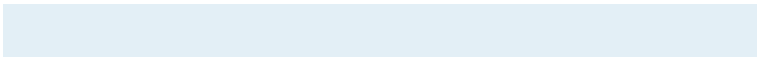
84.8686, 0.3235, 0.3300



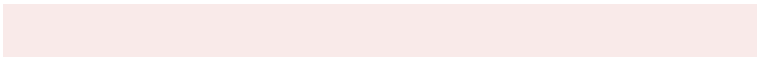
91.3094, 0.3028, 0.3280

Split Complementary

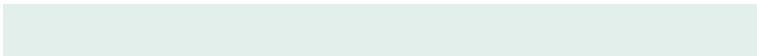
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.8686, 0.3007, 0.3227



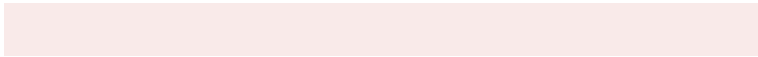
84.8686, 0.3235, 0.3300



84.8686, 0.3062, 0.3334

Square

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



84.8686, 0.3235, 0.3300



84.8686, 0.3183, 0.3398



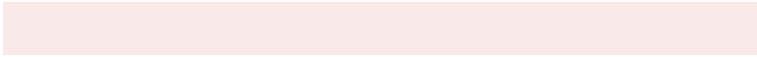
84.8686, 0.3021, 0.3279



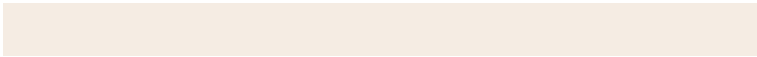
84.8686, 0.3071, 0.3185

Rectangle

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



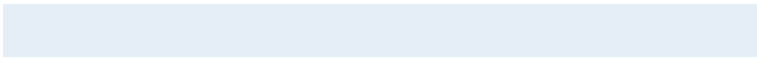
84.8686, 0.3235, 0.3300



84.8686, 0.3240, 0.3378



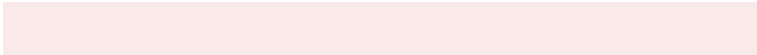
84.8686, 0.3021, 0.3279



84.8686, 0.3016, 0.3202

Sweetspot

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



84.8723, 0.3235, 0.3300



96.6584, 0.3159, 0.3293



85.2233, 0.3139, 0.3141



20.7239, 0.3158, 0.3293



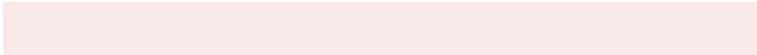
0.0000, 0.0000, 0.0000



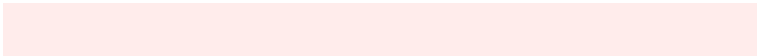
21.4041, 0.3127, 0.3290

Same Dimension

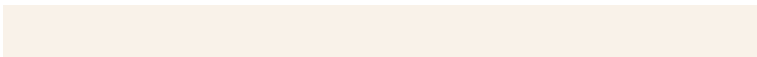
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.8723, 0.3235, 0.3300



87.1367, 0.3264, 0.3303



89.4113, 0.3228, 0.3377



17.3951, 0.3293, 0.3305



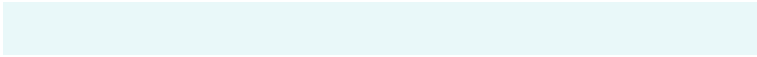
11.0319, 0.6358, 0.3334



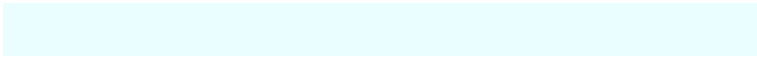
1.0795, 0.6255, 0.3415

Inverse Universe

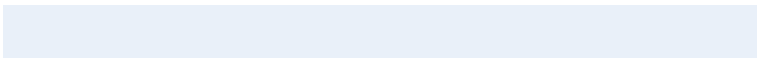
The Inverse Universe completely reimagines the original color for something new.



91.3094, 0.3028, 0.3280



95.5424, 0.3003, 0.3277



86.6131, 0.3028, 0.3201



19.4164, 0.2980, 0.3275



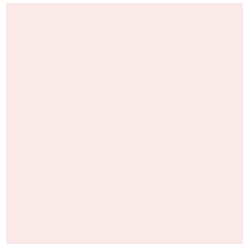
35.1781, 0.2194, 0.3098



3.3115, 0.2201, 0.3123

Previews

White Background



This preview shows how the Yxy color 84.8686, 0.3235, 0.3300 looks on a white background.

Color Contrast Check

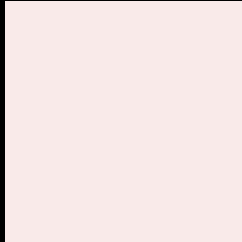
Large Text (above 18pt) WCAG AA × Fail

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 84.8686, 0.3235, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

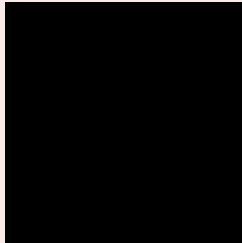
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.8686, 0.3235, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 84.8686, 0.3235, 0.3300.

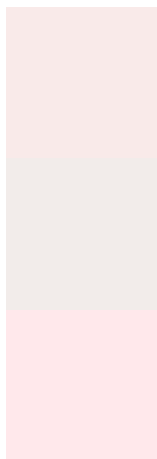


This preview shows how white text looks on a background with the Yxy color 84.8686, 0.3235, 0.3300.

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

84.8686, 0.3235, 0.3300

Protanopia

84.8087, 0.3180, 0.3310

Deuteranopia

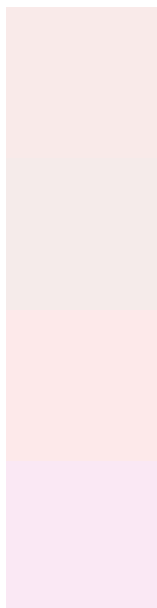
84.9714, 0.3266, 0.3261



Tritanopia

84.5632, 0.3143, 0.3104

Trichromacy



Original Color

84.8686, 0.3235, 0.3300

Protanomaly

84.7697, 0.3201, 0.3300

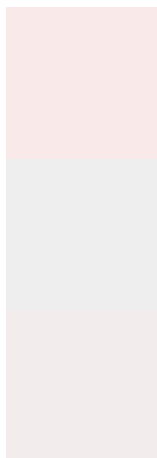
Deuteranomaly

85.1010, 0.3257, 0.3281

Tritanomaly

84.5689, 0.3173, 0.3172

Monochromacy



Original Color

84.8686, 0.3235, 0.3300

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.5017, 0.3167, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.8686, 0.3235, 0.3300 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(249, 234, 233)` looks like.

```
.text, #text, p{  
    color:rgb(249, 234, 233)  
}
```

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(249, 234, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 234, 233) }
```

Border

The CSS property to change the border of an element to Yxy 84.8686, 0.3235, 0.3300 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(249, 234, 233) }
```

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

```
.border{ border-color:rgb(249, 234, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 234, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 234, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 234, 233);  
box-shadow:4px 4px 4px 4px rgb(249, 234,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 84.8686, 0.3235, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 234, 233) }
```

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

```
.background{ background-color: rgb(249,  
234, 233) }
```

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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