

Converting Colors

$Y_{xy}(85.5012, 0.3247, 0.3304)$

Have a look what the booklet for
Yxy(85.5012, 0.3247, 0.3304)
contains.

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Color

Yxy(85.2381, 0.3249, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	FBEAE9
RGB	251, 234, 233
RGB Percent	98%, 92%, 91%
CMY	0.0156, 0.0824, 0.0862
CMYK	0.00, 0.07, 0.07, 0.02
HSL	3°, 69%, 95%
HSV	3°, 7%, 98%
XYZ	83.9208, 85.2381, 89.1384
YIQ	238.9690, 10.4530, 3.2930

Conversions

Conversions Part 2

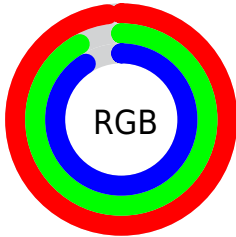
Format	Color
R _Y B	251, 234, 233
Decimal	16509673
CIE Lab	93.99, 5.60, 2.53
CIE LCh	94, 6.146, 24.352
Yxy	85.2381, 0.3249, 0.3300
Android (android.graphics.Color)	4294699753 (0xFFFB _E A _E 9)
YUV	238.9690, -2.9427, 10.5512
Hunter-Lab	92.3245, 0.6845, 7.3832

Details

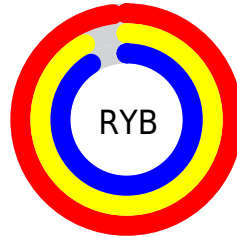
The Yxy color **85.2381, 0.3249, 0.3300** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **92.6906, 0.3016, 0.3280**, and the grayscale version is **86.3131, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.4844, 0.3276, 0.3303** is the 20% darker color. If you saturate the color by 10%, you get **71.2821, 0.3454, 0.3315**, and if you desaturate by 10%, it is **99.2519, 0.3103, 0.3290**.

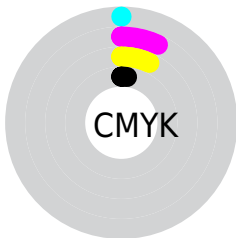
Distribution



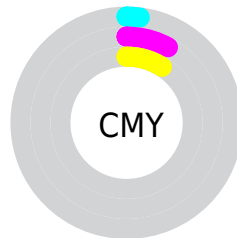
- Red (98%)
- Green (92%)
- Blue (91%)



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



- Cyan (0%)
- Magenta (7%)
- Yellow (7%)
- Black (2%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.2381, 0.3249, 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 85.2381, 0.3249, 0.3300 by changing the saturation by 10% instead.


 85.2381, 0.3249,
0.3300

 85.2381, 0.3249,
0.3300

512.4156, 0.3194,
0.3296

 64.0381, 0.3261,
0.3301


140.7058, 0.3230,
0.3299

 46.6816, 0.3276,
0.3302


175.7423, 0.3223,
0.3298

 32.7840, 0.3295,
0.3303


216.1598, 0.3216,
0.3298

 21.9610, 0.3319,
0.3305

262.3426, 0.3211,
0.3297

 13.8283, 0.3351,
0.3307

314.6753, 0.3206,
0.3297

 8.0013, 0.3397,
0.3309

373.5420, 0.3202,

 4.0958, 0.3465,

0.3296

0.3312

439.3273, 0.3198,
0.3296

■ 1.7273, 0.3579,
0.3316

■ 0.4412, 0.4276,
0.3393

■ 85.2381, 0.3249,
0.3300

■ 85.2381, 0.3249,
0.3300

■ 71.2821, 0.3454,
0.3315

■ 99.2519, 0.3103,
0.3290

■ 59.2579, 0.3709,
0.3331

■ 49.0838, 0.4022,
0.3347

■ 40.6680, 0.4399,
0.3361

■ 33.9108, 0.4835,
0.3372

■ 28.7025, 0.5305,
0.3375

■ 24.9204, 0.5756,
0.3368

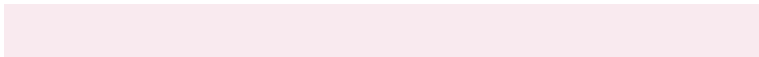
■ 22.4228, 0.6119,
0.3350

■ 21.0389, 0.6335,
0.3325

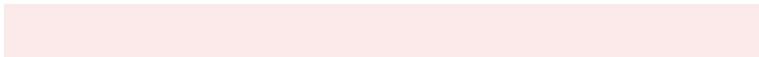
Harmonies

Analogous

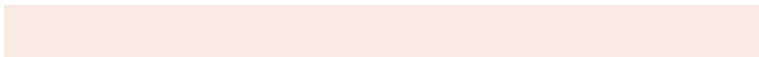
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.2381, 0.3200, 0.3239



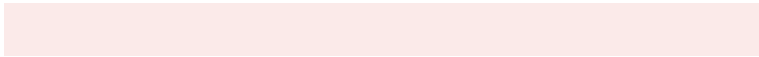
85.2381, 0.3249, 0.3300



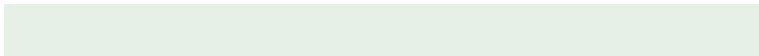
85.2381, 0.3265, 0.3359

Triad

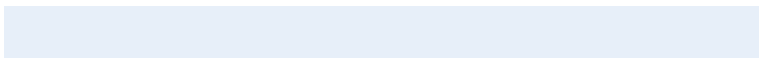
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.2381, 0.3249, 0.3300



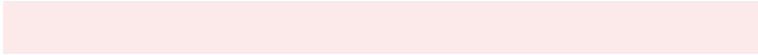
85.2381, 0.3122, 0.3391



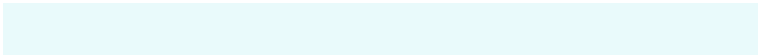
85.2381, 0.3011, 0.3180

Complementary

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



85.2381, 0.3249, 0.3300



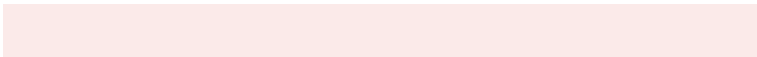
92.6906, 0.3016, 0.3280

Split Complementary

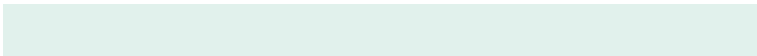
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.2381, 0.2991, 0.3219



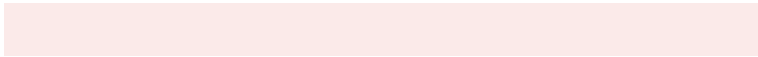
85.2381, 0.3249, 0.3300



85.2381, 0.3055, 0.3342

Square

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



85.2381, 0.3249, 0.3300



85.2381, 0.3192, 0.3412



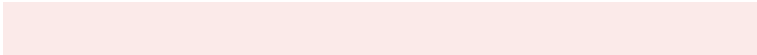
85.2381, 0.3007, 0.3278



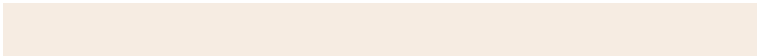
85.2381, 0.3062, 0.3171

Rectangle

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



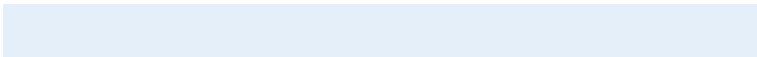
85.2381, 0.3249, 0.3300



85.2381, 0.3255, 0.3389



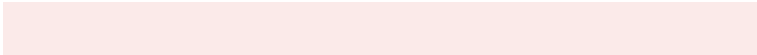
85.2381, 0.3007, 0.3278



85.2381, 0.3001, 0.3190

Sweetspot

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



85.2418, 0.3249, 0.3300



96.6365, 0.3159, 0.3293



85.7137, 0.3141, 0.3123



20.7194, 0.3158, 0.3293



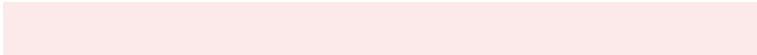
0.0000, 0.0000, 0.0000



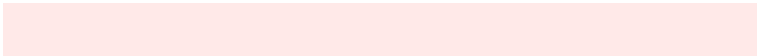
21.4041, 0.3127, 0.3290

Same Dimension

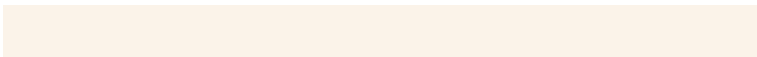
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.2418, 0.3249, 0.3300



85.5323, 0.3283, 0.3303



90.4497, 0.3241, 0.3388



17.3758, 0.3293, 0.3303



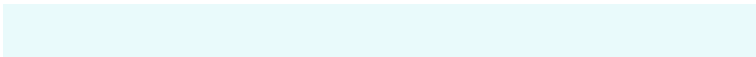
11.0022, 0.6363, 0.3330



1.0704, 0.6271, 0.3403

Inverse Universe

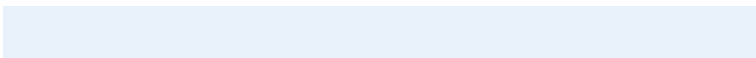
The Inverse Universe completely reimagines the original color for something new.



92.6906, 0.3016, 0.3280



95.1143, 0.2988, 0.3277



87.2760, 0.3016, 0.3190



19.4381, 0.2980, 0.3277



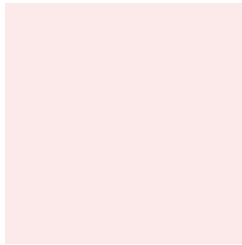
35.6965, 0.2200, 0.3120



3.3539, 0.2206, 0.3142

Previews

White Background



This preview shows how the Yxy color 85.2381, 0.3249, 0.3300 looks on a white background.

Color Contrast Check

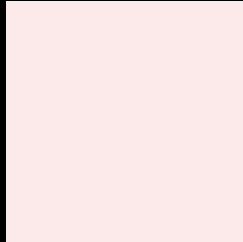
Large Text (above 18pt) WCAG AA × Fail

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 85.2381, 0.3249, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

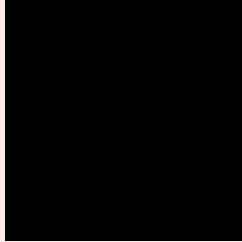
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

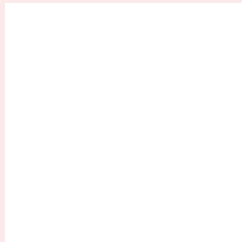
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.2381, 0.3249, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 85.2381, 0.3249, 0.3300.

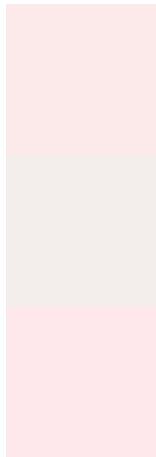


This preview shows how white text looks on a background with the Yxy color 85.2381, 0.3249, 0.3300.

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

85.2381, 0.3249, 0.3300

Protanopia

85.6212, 0.3180, 0.3310

Deuteranopia

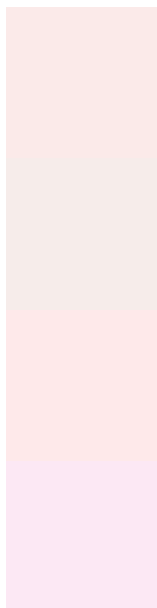
84.9714, 0.3266, 0.3261



Tritanopia

84.9366, 0.3156, 0.3105

Trichromacy



Original Color

85.2381, 0.3249, 0.3300

Protanomaly

85.5242, 0.3207, 0.3310

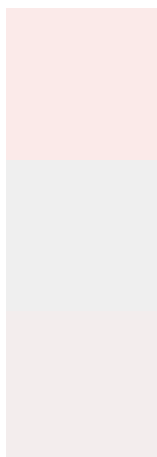
Deuteranomaly

85.2892, 0.3264, 0.3281

Tritanomaly

84.9403, 0.3187, 0.3172

Monochromacy



Original Color

85.2381, 0.3249, 0.3300

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

85.7375, 0.3167, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.2381, 0.3249, 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(251, 234, 233)` looks like.

```
.text, #text, p{  
    color:rgb(251, 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(251, 234, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 234, 233) }
```

Border

The CSS property to change the border of an element to Yxy 85.2381, 0.3249, 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(251, 234, 233) }
```

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

```
.border{ border-color:rgb(251, 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(251, 234, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 234, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 234, 233);  
box-shadow:4px 4px 4px 4px rgb(251, 234,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 85.2381, 0.3249, 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(251, 234, 233) }
```

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

```
.background{ background-color: rgb(251,  
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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