

Converting Colors

Yxy(84.3514, 0.3301, 0.3356)

Have a look what the booklet for
Yxy(84.3514, 0.3301, 0.3356)
contains.

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Color

Yxy(84.4643, 0.3303, 0.3360)

Conversions

Conversions Part 1

Format	Color
Hex	FCE9E2
RGB	252, 233, 226
RGB Percent	99%, 91%, 89%
CMY	0.0115, 0.0863, 0.1137
CMYK	0.00, 0.08, 0.10, 0.01
HSL	16°, 82%, 94%
HSV	16°, 10%, 99%
XYZ	83.0314, 84.4643, 83.8861
YIQ	237.8830, 13.5710, 1.8510

Conversions

Conversions Part 2

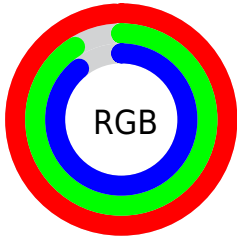
Format	Color
R _Y B	252, 236, 226
Decimal	16574946
CIE Lab	93.65, 5.34, 5.71
CIE LCh	94, 7.815, 46.921
Yxy	84.4643, 0.3303, 0.3360
Android (android.graphics.Color)	4294765026 (0xFFFC9E2)
YUV	237.8830, -5.8583, 12.3806
Hunter-Lab	91.9045, 0.4337, 10.2160

Details

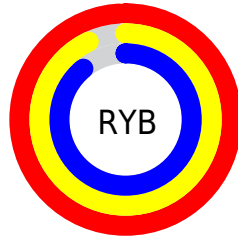
The Yxy color **84.4643, 0.3303, 0.3360** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.5702, 0.2967, 0.3219**, and the grayscale version is **85.4521, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.9867, 0.3337, 0.3367** is the 20% darker color. If you saturate the color by 10%, you get **73.2716, 0.3507, 0.3432**, and if you desaturate by 10%, it is **96.9619, 0.3132, 0.3292**.

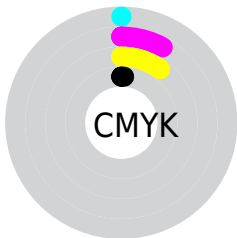
Distribution



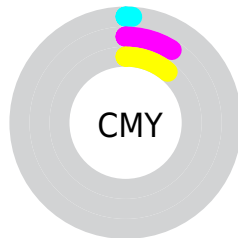
- Red (99%)
- Green (91%)
- Blue (89%)



- Red (99%)
- Yellow (93%)
- Blue (89%)



- Cyan (0%)
- Magenta (8%)
- Yellow (10%)
- Black (1%)





- Cyan (1%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.4643, 0.3303, 0.3360 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 84.4643, 0.3303, 0.3360 by changing the saturation by 10% instead.


 84.4643, 0.3303,
0.3360

 84.4643, 0.3303,
0.3360


509.8538, 0.3223,
0.3329

 63.3988, 0.3321,
0.3367

139.6245, 0.3276,
0.3350

 46.1639, 0.3343,
0.3375

174.4880, 0.3265,
0.3345

 32.3752, 0.3370,
0.3385


214.7196, 0.3256,
0.3342

 21.6483, 0.3405,
0.3398

260.7038, 0.3248,
0.3339

 13.5987, 0.3452,
0.3415

312.8249, 0.3241,
0.3336

 7.8421, 0.3518,
0.3438

371.4674, 0.3234,

 3.9941, 0.3618,

0.3333

0.3472

437.0155, 0.3229,
0.3331

■ 1.6702, 0.3787,
0.3524

■ 0.4043, 0.5360,
0.4211

■ 84.4643, 0.3303,
0.3360

■ 84.4643, 0.3303,
0.3360

■ 73.2716, 0.3507,
0.3432

■ 96.9619, 0.3132,
0.3292

■ 63.3303, 0.3750,
0.3507

■ 99.4488, 0.3109,
0.3290

■ 54.5994, 0.4037,
0.3581

■ 47.0317, 0.4368,
0.3648

■ 40.5764, 0.4737,
0.3700

■ 35.1791, 0.5126,
0.3725

■ 30.7803, 0.5505,
0.3711

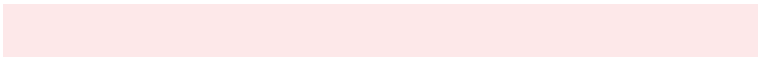
■ 27.3139, 0.5832,
0.3653

■ 24.7728, 0.6069,
0.3563

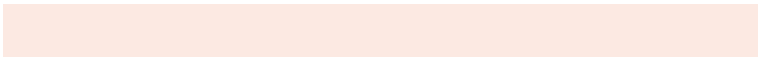
Harmonies

Analogous

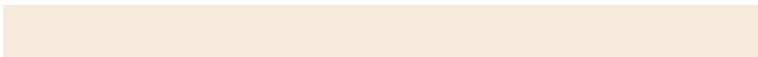
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.4643, 0.3271, 0.3283



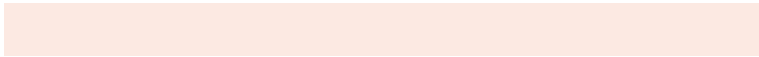
84.4643, 0.3303, 0.3360



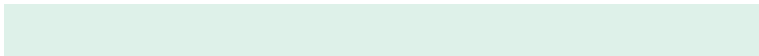
84.4643, 0.3288, 0.3420

Triad

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



84.4643, 0.3303, 0.3360



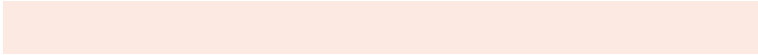
84.4643, 0.3054, 0.3374



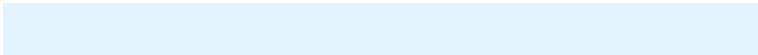
84.4643, 0.3025, 0.3137

Complementary

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



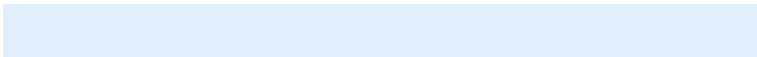
84.4643, 0.3303, 0.3360



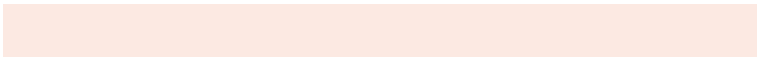
88.5702, 0.2967, 0.3219

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.



84.4643, 0.2969, 0.3159



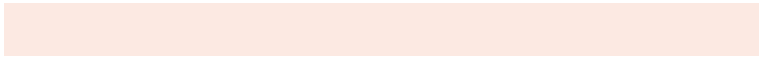
84.4643, 0.3303, 0.3360



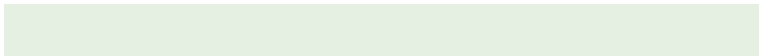
84.4643, 0.2986, 0.3295

Square

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



84.4643, 0.3303, 0.3360



84.4643, 0.3143, 0.3430



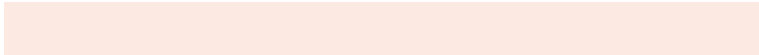
84.4643, 0.2955, 0.3216



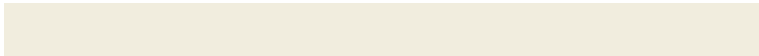
84.4643, 0.3109, 0.3156

Rectangle

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



84.4643, 0.3303, 0.3360



84.4643, 0.3252, 0.3442



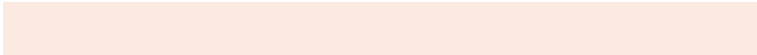
84.4643, 0.2955, 0.3216



84.4643, 0.3002, 0.3140

Sweetspot

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



84.4680, 0.3303, 0.3360



95.9935, 0.3175, 0.3310



81.7083, 0.3184, 0.3102



20.3218, 0.3188, 0.3315



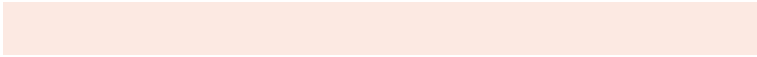
0.0000, 0.0000, 0.0000



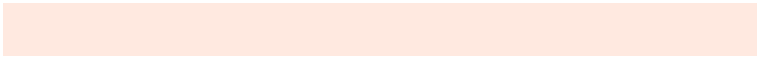
21.4041, 0.3127, 0.3290

Same Dimension

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



84.4680, 0.3303, 0.3360



84.7061, 0.3335, 0.3372



92.1066, 0.3288, 0.3487



17.9802, 0.3287, 0.3354



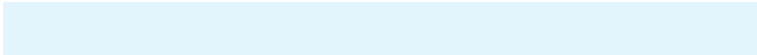
13.1019, 0.6041, 0.3586



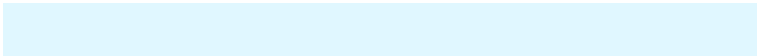
1.3800, 0.5810, 0.3769

Inverse Universe

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



88.5702, 0.2967, 0.3219



89.5404, 0.2941, 0.3207



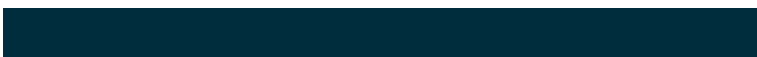
80.9690, 0.2965, 0.3085



18.7771, 0.2980, 0.3225



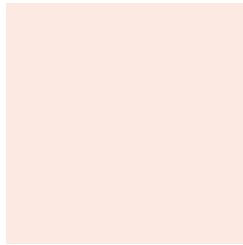
21.9048, 0.1999, 0.2396



2.2031, 0.2032, 0.2516

Previews

White Background



This preview shows how the Yxy color 84.4643, 0.3303, 0.3360 looks on a white background.

Color Contrast Check

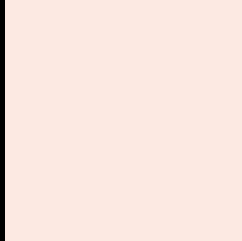
Large Text (above 18pt) WCAG AA × Fail

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 84.4643, 0.3303, 0.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

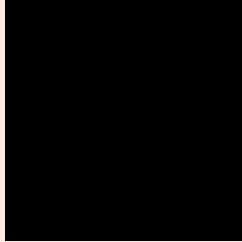
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

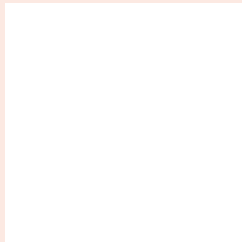
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.4643, 0.3303, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 84.4643, 0.3303, 0.3360.

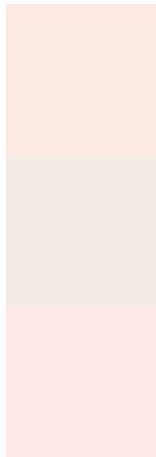


This preview shows how white text looks on a background with the Yxy color 84.4643, 0.3303, 0.3360.

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

84.4643, 0.3303, 0.3360

Protanopia

84.6470, 0.3225, 0.3371

Deuteranopia

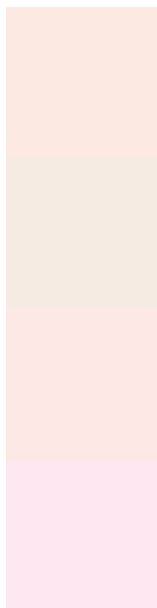
84.6864, 0.3298, 0.3310



Tritanopia

84.6309, 0.3183, 0.3115

Trichromacy



Original Color

84.4643, 0.3303, 0.3360

Protanomaly

84.5555, 0.3252, 0.3371

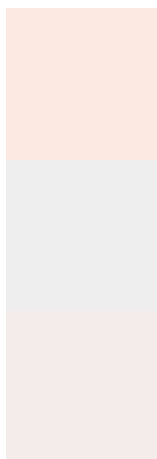
Deuteranomaly

84.4412, 0.3298, 0.3320

Tritanomaly

84.5139, 0.3227, 0.3202

Monochromacy



Original Color

84.4643, 0.3303, 0.3360

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

84.9861, 0.3187, 0.3310

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.4643, 0.3303, 0.3360 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(252, 233, 226)` looks like.

```
.text, #text, p{  
    color:rgb(252, 233, 226)  
}
```

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(252, 233, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 233, 226) }
```

Border

The CSS property to change the border of an element to Yxy 84.4643, 0.3303, 0.3360 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(252, 233, 226) }
```

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

```
.border{ border-color:rgb(252, 233, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 233, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 233, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 233, 226); box-shadow:4px 4px 4px 4px rgb(252, 233, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 84.4643, 0.3303, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 233, 226) }
```

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

```
.background{ background-color: rgb(252,  
233, 226) }
```

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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