

Converting Colors

$Yxy(84.8055, 0.3296, 0.3386)$

Have a look what the booklet for
Yxy(84.8055, 0.3296, 0.3386)
contains.

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Color

Yxy(84.6059, 0.3294, 0.3381)

Conversions

Conversions Part 1

Format	Color
Hex	FAEAE1
RGB	250, 234, 225
RGB Percent	98%, 92%, 88%
CMY	0.0197, 0.0823, 0.1177
CMYK	0.00, 0.06, 0.10, 0.02
HSL	22°, 71%, 93%
HSV	22°, 10%, 98%
XYZ	82.4288, 84.6059, 83.2046
YIQ	237.7580, 12.4250, 0.5930

Conversions

Conversions Part 2

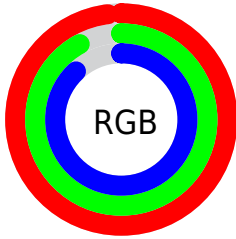
Format	Color
R _Y B	250, 239, 225
Decimal	16444129
CIE Lab	93.71, 3.91, 6.31
CIE LCh	94, 7.427, 58.193
Yxy	84.6059, 0.3294, 0.3381
Android (android.graphics.Color)	4294634209 (0xFFFAEAE1)
YUV	237.7580, -6.2897, 10.7362
Hunter-Lab	91.9815, -1.0055, 10.7545

Details

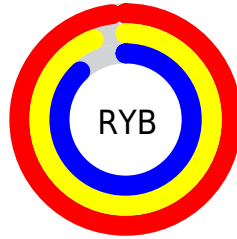
The Yxy color **84.6059, 0.3294, 0.3381** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.7800, 0.2972, 0.3197**, and the grayscale version is **85.3448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.0805, 0.3326, 0.3393** is the 20% darker color. If you saturate the color by 10%, you get **74.6604, 0.3490, 0.3478**, and if you desaturate by 10%, it is **95.5773, 0.3127, 0.3290**.

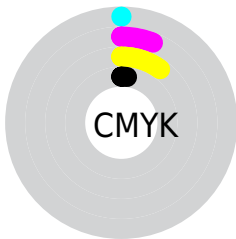
Distribution



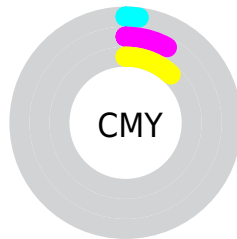
- Red (98%)
- Green (92%)
- Blue (88%)



- Red (98%)
- Yellow (94%)
- Blue (88%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (2%)





- Cyan (2%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.6059, 0.3294, 0.3381 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 84.6059, 0.3294, 0.3381 by changing the saturation by 10% instead.


 84.6059, 0.3294,
0.3381

 84.6059, 0.3294,
0.3381


510.3231, 0.3219,
0.3341

 63.5158, 0.3311,
0.3390


139.8224, 0.3268,
0.3367

 46.2586, 0.3331,
0.3401

174.7176, 0.3258,
0.3362

 32.4499, 0.3357,
0.3414


214.9833, 0.3249,
0.3357

 21.7054, 0.3391,
0.3431

261.0039, 0.3242,
0.3353

 13.6406, 0.3435,
0.3454

313.1638, 0.3235,
0.3349

 7.8711, 0.3498,
0.3485

371.8474, 0.3229,

 4.0126, 0.3592,

0.3346

0.3531

437.4390, 0.3223,
0.3343

■ 1.6806, 0.3750,
0.3605

■ 0.4111, 0.5381,
0.4549

■ 84.6059, 0.3294,
0.3381

■ 84.6059, 0.3294,
0.3381

■ 74.6604, 0.3490,
0.3478

■ 95.5773, 0.3127,
0.3290

■ 65.6996, 0.3719,
0.3578

■ 99.0596, 0.3096,
0.3290

■ 57.6954, 0.3984,
0.3677

■ 50.6143, 0.4284,
0.3769

■ 44.4208, 0.4613,
0.3844

■ 39.0766, 0.4958,
0.3890

■ 34.5403, 0.5295,
0.3893

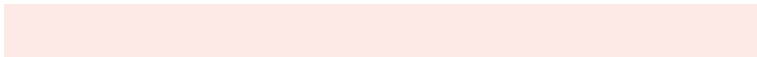
■ 30.7659, 0.5594,
0.3844

■ 27.6943, 0.5835,
0.3749

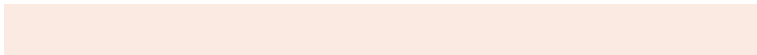
Harmonies

Analogous

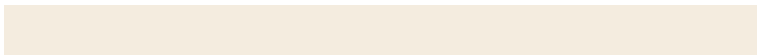
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.6059, 0.3280, 0.3311



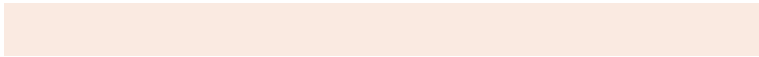
84.6059, 0.3294, 0.3381



84.6059, 0.3263, 0.3428

Triad

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



84.6059, 0.3294, 0.3381



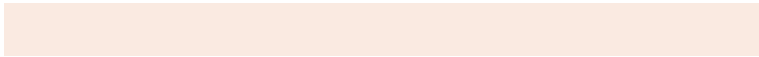
84.6059, 0.3030, 0.3343



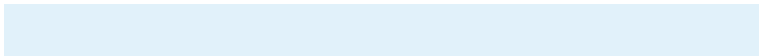
84.6059, 0.3058, 0.3147

Complementary

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



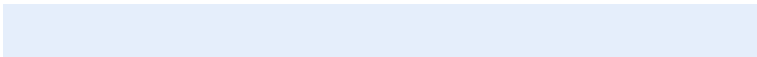
84.6059, 0.3294, 0.3381



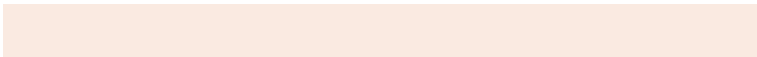
85.7800, 0.2972, 0.3197

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.



84.6059, 0.2993, 0.3153



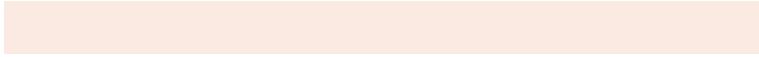
84.6059, 0.3294, 0.3381



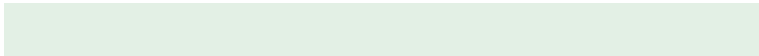
84.6059, 0.2977, 0.3266

Square

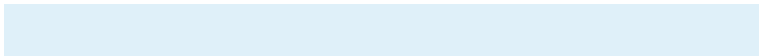
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



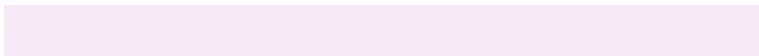
84.6059, 0.3294, 0.3381



84.6059, 0.3110, 0.3407



84.6059, 0.2963, 0.3196



84.6059, 0.3143, 0.3178

Rectangle

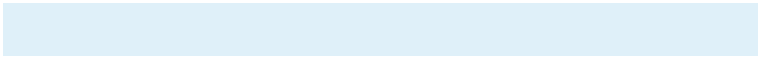
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.6059, 0.3294, 0.3381



84.6059, 0.3221, 0.3439



84.6059, 0.2963, 0.3196



84.6059, 0.3033, 0.3145

Sweetspot

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



84.6096, 0.3294, 0.3381



96.4401, 0.3174, 0.3317



80.5236, 0.3196, 0.3129



20.4421, 0.3187, 0.3324



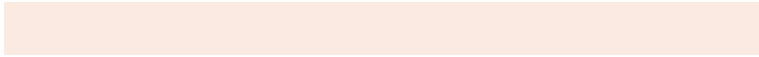
0.0000, 0.0000, 0.0000



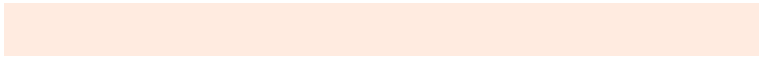
21.4041, 0.3127, 0.3290

Same Dimension

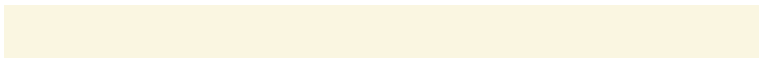
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.6096, 0.3294, 0.3381



86.3452, 0.3331, 0.3400



91.8044, 0.3281, 0.3501



18.2523, 0.3285, 0.3376



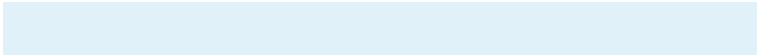
14.9409, 0.5805, 0.3772



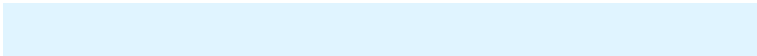
1.5770, 0.5579, 0.3952

Inverse Universe

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



85.7800, 0.2972, 0.3197



87.7953, 0.2940, 0.3177



78.7938, 0.2971, 0.3070



18.4914, 0.2980, 0.3202



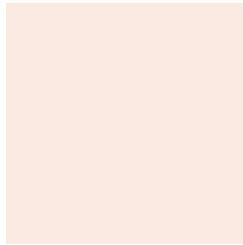
17.2107, 0.1905, 0.2059



1.7951, 0.1951, 0.2222

Previews

White Background



This preview shows how the Yxy color 84.6059, 0.3294, 0.3381 looks on a white background.

Color Contrast Check

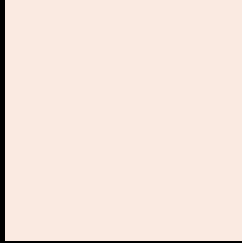
Large Text (above 18pt) WCAG AA × Fail

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 84.6059, 0.3294, 0.3381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

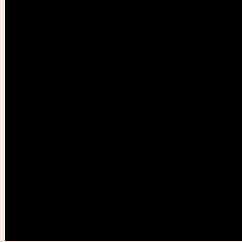
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

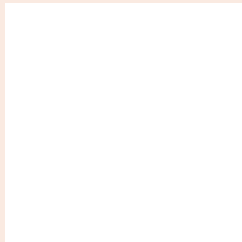
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.6059, 0.3294, 0.3381

Background



This preview shows how black text looks on a background with the Yxy color 84.6059, 0.3294, 0.3381.

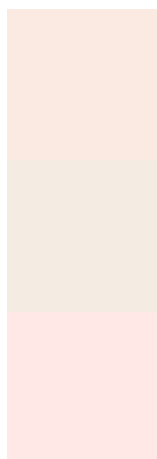


This preview shows how white text looks on a background with the Yxy color 84.6059, 0.3294, 0.3381.

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

84.6059, 0.3294, 0.3381

Protanopia

84.7150, 0.3244, 0.3392

Deuteranopia

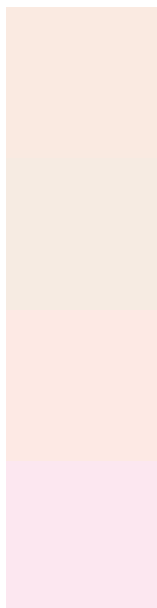
84.6864, 0.3298, 0.3310



Tritanopia

84.3158, 0.3163, 0.3105

Trichromacy



Original Color

84.6059, 0.3294, 0.3381

Protanomaly

84.5005, 0.3259, 0.3381

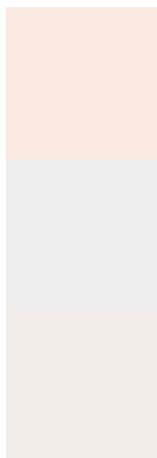
Deuteranomaly

84.7619, 0.3296, 0.3340

Tritanomaly

84.1385, 0.3213, 0.3201

Monochromacy



Original Color

84.6059, 0.3294, 0.3381

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.3288, 0.3185, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.6059, 0.3294, 0.3381 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(250, 234, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 234, 225) }
```

Border

The CSS property to change the border of an element to Yxy 84.6059, 0.3294, 0.3381 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, 225) }
```

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

```
.border{ border-color:rgb(250, 234, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 234, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 234, 225);  
box-shadow:4px 4px 4px 4px rgb(250, 234,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 84.6059, 0.3294, 0.3381 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, 225) }
```

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

```
.background{ background-color: rgb(250,  
234, 225) }
```

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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