

Converting Colors

$Yxy(84.7518, 0.3326, 0.3439)$

Have a look what the booklet for
Yxy(84.7518, 0.3326, 0.3439)
contains.

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Color

Yxy(84.9080, 0.3325, 0.3441)

Conversions

Conversions Part 1

Format	Color
Hex	FAEBDC
RGB	250, 235, 220
RGB Percent	98%, 92%, 86%
CMY	0.0197, 0.0784, 0.1371
CMYK	0.00, 0.06, 0.12, 0.02
HSL	30°, 75%, 92%
HSV	30°, 12%, 98%
XYZ	82.0457, 84.9080, 79.8002
YIQ	237.7750, 13.7550, -1.4850

Conversions

Conversions Part 2

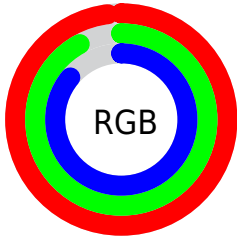
Format	Color
R _Y B	250, 250, 220
Decimal	16444380
CIE Lab	93.84, 2.61, 9.06
CIE LCh	94, 9.434, 73.925
Yxy	84.9080, 0.3325, 0.3441
Android (android.graphics.Color)	4294634460 (0xFFFAEBDC)
YUV	237.7750, -8.7631, 10.7213
Hunter-Lab	92.1455, -2.3197, 13.1553

Details

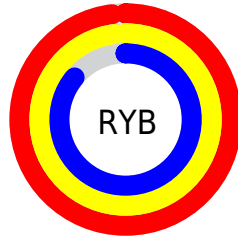
The Yxy color **84.9080, 0.3325, 0.3441** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.5331, 0.2940, 0.3134**, and the grayscale version is **85.3791, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.2943, 0.3367, 0.3471** is the 20% darker color. If you saturate the color by 10%, you get **76.7818, 0.3516, 0.3575**, and if you desaturate by 10%, it is **93.7419, 0.3158, 0.3314**.

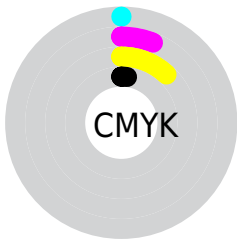
Distribution



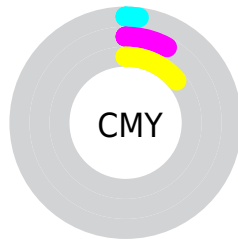
- Red (98%)
- Green (92%)
- Blue (86%)



- Red (98%)
- Yellow (98%)
- Blue (86%)



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (2%)




- Cyan (2%)
- Magenta (8%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.9080, 0.3325, 0.3441 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 84.9080, 0.3325, 0.3441 by changing the saturation by 10% instead.


 84.9080, 0.3325,
0.3441

 84.9080, 0.3325,
0.3441


511.3236, 0.3236,
0.3374

 63.7654, 0.3345,
0.3456


140.2446, 0.3294,
0.3418

 46.4607, 0.3369,
0.3474


175.2074, 0.3282,
0.3409

 32.6095, 0.3400,
0.3497


215.5457, 0.3272,
0.3401

 21.8275, 0.3439,
0.3526

261.6439, 0.3263,
0.3394

 13.7302, 0.3491,
0.3564

313.8864, 0.3255,
0.3388

 7.9332, 0.3565,
0.3617

372.6576, 0.3248,

 4.0523, 0.3674,

0.3383

0.3695

438.3418, 0.3241,
0.3378

■ 1.7028, 0.3856,
0.3819

■ 0.4255, 0.5239,
0.4761

■ 84.9080, 0.3325,
0.3441

■ 84.9080, 0.3325,
0.3441

■ 76.7818, 0.3516,
0.3575

■ 93.7419, 0.3158,
0.3314

■ 69.3329, 0.3732,
0.3711

■ 99.0578, 0.3096,
0.3290

■ 62.5453, 0.3973,
0.3846

■ 56.3977, 0.4235,
0.3970

■ 50.8676, 0.4511,
0.4073

■ 45.9306, 0.4788,
0.4141

■ 41.5600, 0.5050,
0.4163

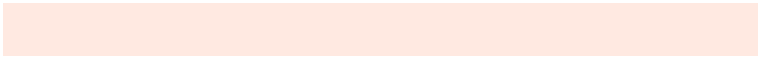
■ 37.7255, 0.5278,
0.4130

■ 35.0050, 0.5433,
0.4068

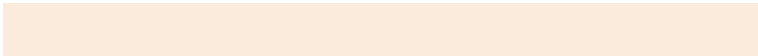
Harmonies

Analogous

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



84.9080, 0.3338, 0.3365



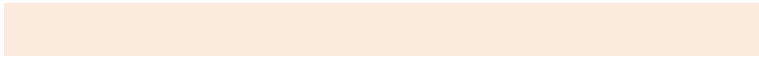
84.9080, 0.3325, 0.3441



84.9080, 0.3258, 0.3478

Triad

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



84.9080, 0.3325, 0.3441



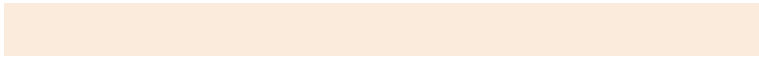
84.9080, 0.2963, 0.3306



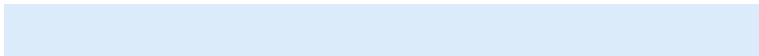
84.9080, 0.3094, 0.3124

Complementary

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



84.9080, 0.3325, 0.3441



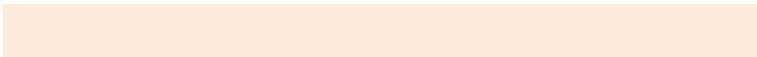
81.5331, 0.2940, 0.3134

Split Complementary

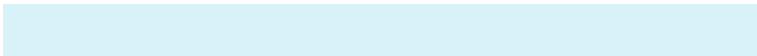
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.9080, 0.2996, 0.3107



84.9080, 0.3325, 0.3441



84.9080, 0.2921, 0.3209

Square

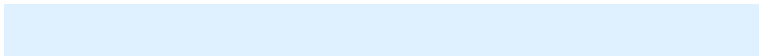
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.9080, 0.3325, 0.3441



84.9080, 0.3049, 0.3400



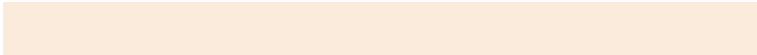
84.9080, 0.2933, 0.3137



84.9080, 0.3204, 0.3184

Rectangle

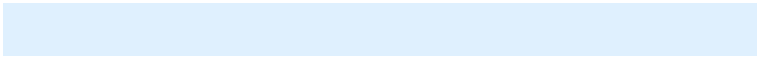
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.9080, 0.3325, 0.3441



84.9080, 0.3193, 0.3474



84.9080, 0.2933, 0.3137



84.9080, 0.3059, 0.3113

Sweetspot

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



84.9117, 0.3325, 0.3441



96.1519, 0.3190, 0.3339



77.5226, 0.3241, 0.3140



20.4284, 0.3202, 0.3349



0.0000, 0.0000, 0.0000



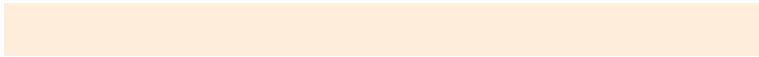
21.4041, 0.3127, 0.3290

Same Dimension

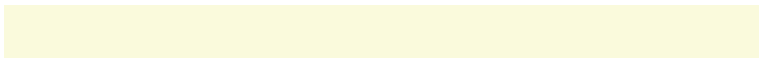
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.9117, 0.3325, 0.3441



87.0535, 0.3362, 0.3468



93.8375, 0.3307, 0.3587



18.6603, 0.3281, 0.3409



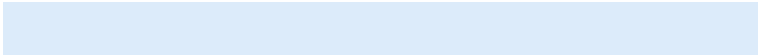
18.8612, 0.5408, 0.4088



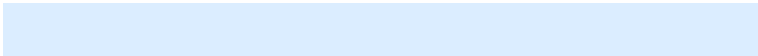
1.9589, 0.5224, 0.4234

Inverse Universe

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



81.5331, 0.2940, 0.3134



82.9740, 0.2907, 0.3106



73.3282, 0.2937, 0.2975



18.0759, 0.2980, 0.3168



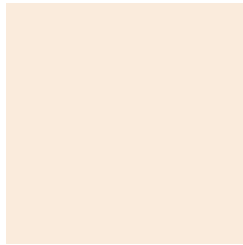
11.7160, 0.1771, 0.1574



1.2971, 0.1831, 0.1790

Previews

White Background



This preview shows how the Yxy color 84.9080, 0.3325, 0.3441 looks on a white background.

Color Contrast Check

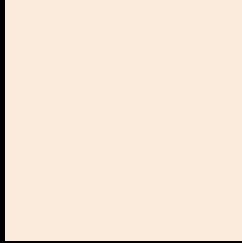
Large Text (above 18pt) WCAG AA × Fail

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 84.9080, 0.3325, 0.3441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

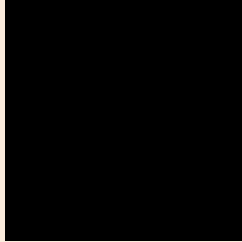
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.9080, 0.3325, 0.3441

Background



This preview shows how black text looks on a background with the Yxy color 84.9080, 0.3325, 0.3441.

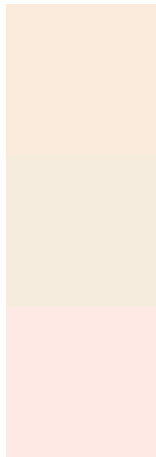


This preview shows how white text looks on a background with the Yxy color 84.9080, 0.3325, 0.3441.

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

84.9080, 0.3325, 0.3441

Protanopia

84.6238, 0.3283, 0.3443

Deuteranopia

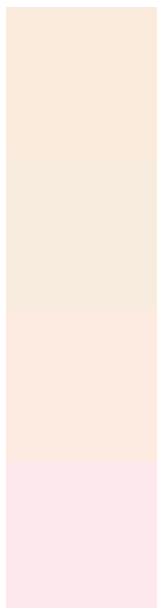
85.1393, 0.3310, 0.3340



Tritanopia

85.0622, 0.3169, 0.3115

Trichromacy



Original Color

84.9080, 0.3325, 0.3441

Protanomaly

84.9855, 0.3297, 0.3442

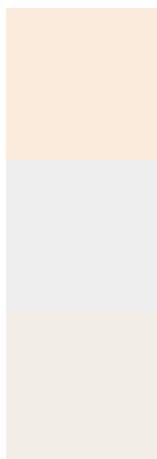
Deuteranomaly

85.1645, 0.3315, 0.3380

Tritanomaly

84.7689, 0.3232, 0.3231

Monochromacy



Original Color

84.9080, 0.3325, 0.3441

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.2151, 0.3198, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.9080, 0.3325, 0.3441 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, 235, 220)` looks like.

```
.text, #text, p{  
    color:rgb(250, 235, 220)  
}
```

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, 235, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 235, 220) }
```

Border

The CSS property to change the border of an element to Yxy 84.9080, 0.3325, 0.3441 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, 235, 220) }
```

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

```
.border{ border-color:rgb(250, 235, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 235, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 235, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 235, 220);  
box-shadow:4px 4px 4px 4px rgb(250, 235,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 84.9080, 0.3325, 0.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 235, 220) }
```

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

```
.background{ background-color: rgb(250,  
235, 220) }
```

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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