

Converting Colors

$Yxy(84.1071, 0.3249, 0.3395)$

Have a look what the booklet for
Yxy(84.1071, 0.3249, 0.3395)
contains.

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Color

Yxy(84.0860, 0.3251, 0.3392)

Conversions

Conversions Part 1

Format	Color
Hex	F4EBE1
RGB	244, 235, 225
RGB Percent	96%, 92%, 88%
CMY	0.0434, 0.0783, 0.1176
CMYK	0.00, 0.04, 0.08, 0.04
HSL	32°, 46%, 92%
HSV	32°, 8%, 96%
XYZ	80.5907, 84.0860, 83.2184
YIQ	236.5510, 8.5740, -1.2020

Conversions

Conversions Part 2

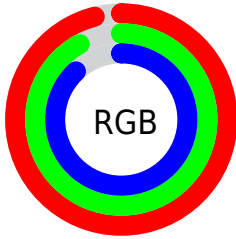
Format	Color
R _Y B	242, 244, 225
Decimal	16051169
CIE Lab	93.49, 1.31, 5.91
CIE LCh	93, 6.057, 77.471
Yxy	84.0860, 0.3251, 0.3392
Android (android.graphics.Color)	4294241249 (0xFF4E8E1)
YUV	236.5510, -5.6946, 6.5328
Hunter-Lab	91.6984, -3.5945, 10.3819

Details

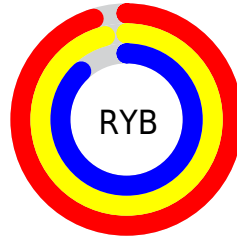
The Yxy color **84.0860, 0.3251, 0.3392** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **81.3327, 0.3007, 0.3186**, and the grayscale version is **84.3611, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.8338, 0.3280, 0.3408** is the 20% darker color. If you saturate the color by 10%, you get **76.4877, 0.3430, 0.3530**, and if you desaturate by 10%, it is **92.3062, 0.3094, 0.3262**.

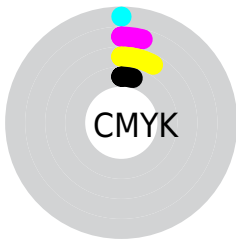
Distribution



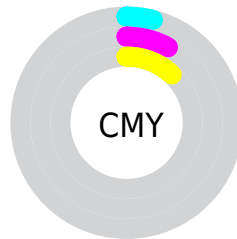
- Red (96%)
- Green (92%)
- Blue (88%)



- Red (95%)
- Yellow (96%)
- Blue (88%)



- Cyan (0%)
- Magenta (4%)
- Yellow (8%)
- Black (4%)




- Cyan (4%)
- Magenta (8%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.0860, 0.3251, 0.3392 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 84.0860, 0.3251, 0.3392 by changing the saturation by 10% instead.


 84.0860, 0.3251,
0.3392

 84.0860, 0.3251,
0.3392

508.5988, 0.3195,
0.3346

 63.0864, 0.3263,
0.3402

139.0955, 0.3232,
0.3376

 45.9111, 0.3279,
0.3415

173.8742, 0.3224,
0.3370

 32.1757, 0.3298,
0.3430


214.0147, 0.3218,
0.3365

 21.4957, 0.3323,
0.3450

259.9015, 0.3212,
0.3360

 13.4869, 0.3356,
0.3477

311.9189, 0.3207,
0.3356

 7.7646, 0.3402,
0.3514

370.4513, 0.3203,

 3.9447, 0.3472,

0.3352

0.3569

435.8831, 0.3199,
0.3349

■ 1.6427, 0.3589,
0.3661

■ 0.3861, 0.5037,
0.4874

■ 84.0860, 0.3251,
0.3392

■ 84.0860, 0.3251,
0.3392

■ 76.4877, 0.3430,
0.3530

■ 92.3062, 0.3094,
0.3262

■ 69.4842, 0.3632,
0.3673

■ 97.9617, 0.3059,
0.3290

■ 63.0626, 0.3857,
0.3817

■ 57.2050, 0.4102,
0.3953

■ 51.8927, 0.4363,
0.4073

■ 47.1053, 0.4628,
0.4164

■ 42.8207, 0.4883,
0.4214

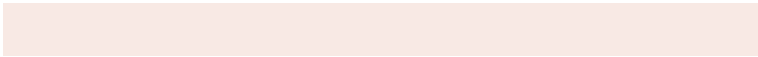
■ 39.0141, 0.5113,
0.4212

■ 35.6551, 0.5305,
0.4155

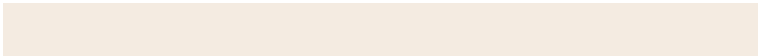
Harmonies

Analogous

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



84.0860, 0.3264, 0.3346



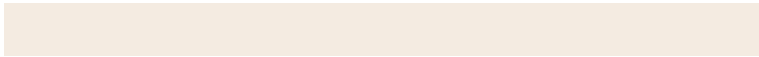
84.0860, 0.3251, 0.3392



84.0860, 0.3205, 0.3411

Triad

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



84.0860, 0.3251, 0.3392



84.0860, 0.3016, 0.3293



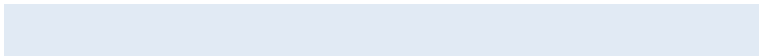
84.0860, 0.3115, 0.3186

Complementary

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



84.0860, 0.3251, 0.3392



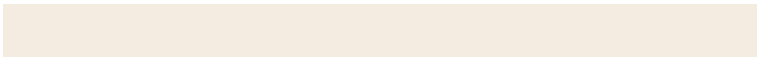
81.3327, 0.3007, 0.3186

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.



84.0860, 0.3049, 0.3171



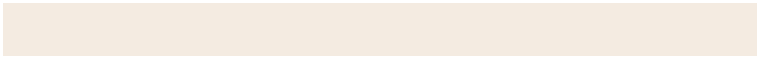
84.0860, 0.3251, 0.3392



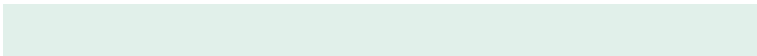
84.0860, 0.2993, 0.3232

Square

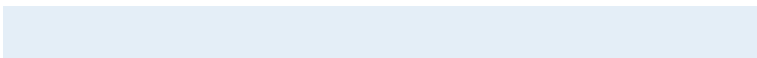
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



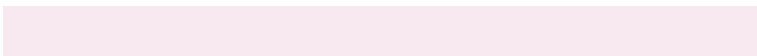
84.0860, 0.3251, 0.3392



84.0860, 0.3070, 0.3354



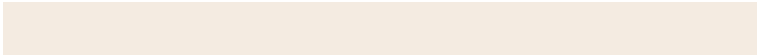
84.0860, 0.3005, 0.3188



84.0860, 0.3184, 0.3227

Rectangle

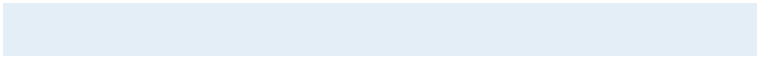
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.0860, 0.3251, 0.3392



84.0860, 0.3162, 0.3406



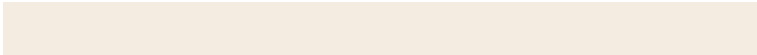
84.0860, 0.3005, 0.3188



84.0860, 0.3091, 0.3178

Sweetspot

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



84.0897, 0.3251, 0.3392



98.1540, 0.3158, 0.3316



79.0236, 0.3200, 0.3197



21.0284, 0.3156, 0.3315



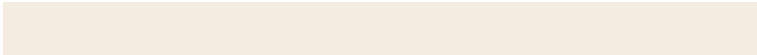
0.0000, 0.0000, 0.0000



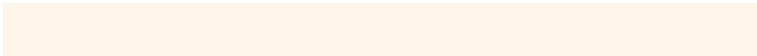
21.4041, 0.3127, 0.3290

Same Dimension

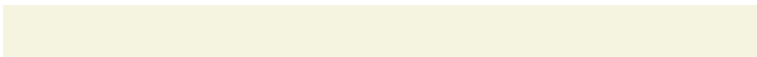
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.0897, 0.3251, 0.3392



91.9101, 0.3272, 0.3409



89.2648, 0.3240, 0.3481



17.9348, 0.3280, 0.3415



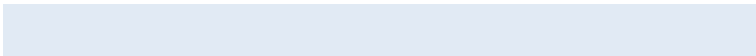
19.2948, 0.5322, 0.4156



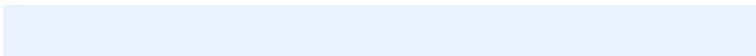
1.9016, 0.5142, 0.4299

Inverse Universe

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



81.3327, 0.3007, 0.3186



88.3963, 0.2987, 0.3168



76.4393, 0.3009, 0.3092



17.2128, 0.2980, 0.3161



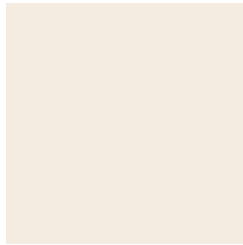
10.4670, 0.1745, 0.1480



1.1239, 0.1810, 0.1715

Previews

White Background



This preview shows how the Yxy color 84.0860, 0.3251, 0.3392 looks on a white background.

Color Contrast Check

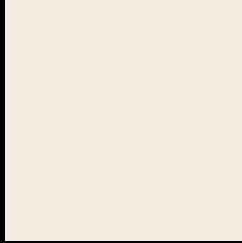
Large Text (above 18pt) WCAG AA × Fail

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 84.0860, 0.3251, 0.3392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

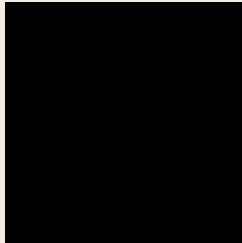
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

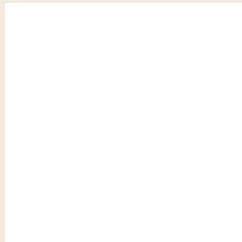
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.0860, 0.3251, 0.3392

Background



This preview shows how black text looks on a background with the Yxy color 84.0860, 0.3251, 0.3392.

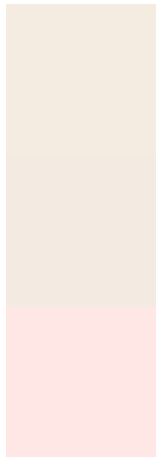


This preview shows how white text looks on a background with the Yxy color 84.0860, 0.3251, 0.3392.

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

84.0860, 0.3251, 0.3392

Protanopia

83.9076, 0.3245, 0.3392

Deuteranopia

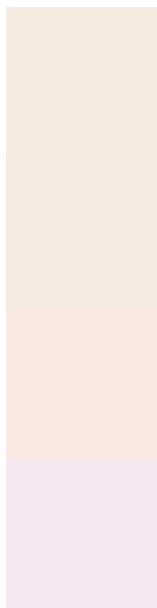
84.0690, 0.3306, 0.3310



Tritanopia

83.8281, 0.3116, 0.3102

Trichromacy



Original Color

84.0860, 0.3251, 0.3392

Protanomaly

83.9076, 0.3245, 0.3392

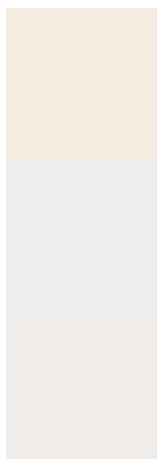
Deuteranomaly

83.8239, 0.3284, 0.3330

Tritanomaly

83.6569, 0.3165, 0.3200

Monochromacy



Original Color

84.0860, 0.3251, 0.3392

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.3994, 0.3173, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.0860, 0.3251, 0.3392 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(244, 235, 225)` looks like.

```
.text, #text, p{  
    color:rgb(244, 235, 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(244, 235, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 235, 225) }
```

Border

The CSS property to change the border of an element to Yxy 84.0860, 0.3251, 0.3392 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(244, 235, 225) }
```

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

```
.border{ border-color:rgb(244, 235, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 235, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 235, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 235, 225);  
box-shadow:4px 4px 4px 4px rgb(244, 235,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 84.0860, 0.3251, 0.3392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 235, 225) }
```

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

```
.background{ background-color: rgb(244,  
235, 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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