

Converting Colors

$Yxy(84.0716, 0.3193, 0.3342)$

Have a look what the booklet for
Yxy(84.0716, 0.3193, 0.3342)
contains.

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Color

Yxy(84.4048, 0.3198, 0.3351)

Conversions

Conversions Part 1

Format	Color
Hex	F1ECE6
RGB	241, 236, 230
RGB Percent	95%, 93%, 90%
CMY	0.0550, 0.0745, 0.0980
CMYK	0.00, 0.02, 0.05, 0.05
HSL	33°, 28%, 92%
HSV	33°, 5%, 95%
XYZ	80.5510, 84.4048, 86.9236
YIQ	236.8110, 4.9060, -0.8060

Conversions

Conversions Part 2

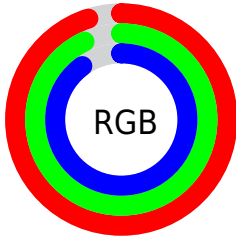
Format	Color
R _Y B	239, 241, 230
Decimal	15854822
CIE Lab	93.63, 0.64, 3.48
CIE LCh	94, 3.535, 79.557
Yxy	84.4048, 0.3198, 0.3351
Android (android.graphics.Color)	4294044902 (0xFFFF1ECE6)
YUV	236.8110, -3.3578, 3.6738
Hunter-Lab	91.8721, -4.2720, 8.2140

Details

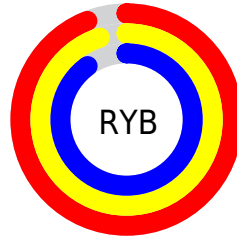
The Yxy color **84.4048, 0.3198, 0.3351** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.5885, 0.3057, 0.3228**, and the grayscale version is **84.5599, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.0519, 0.3211, 0.3356** is the 20% darker color. If you saturate the color by 10%, you get **77.0435, 0.3369, 0.3491**, and if you desaturate by 10%, it is **92.3458, 0.3048, 0.3219**.

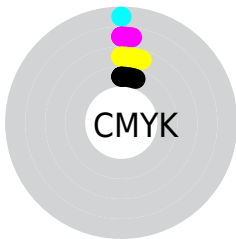
Distribution



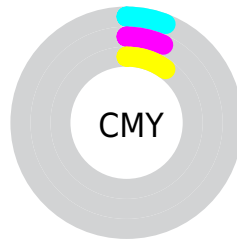
- Red (95%)
- Green (93%)
- Blue (90%)



- Red (94%)
- Yellow (95%)
- Blue (90%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (5%)



- Cyan (6%)
- Magenta (7%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.4048, 0.3198, 0.3351 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 84.4048, 0.3198, 0.3351 by changing the saturation by 10% instead.

84.4048, 0.3198,
0.3351

84.4048, 0.3198,
0.3351

509.6565, 0.3166,
0.3324

63.3497, 0.3205,
0.3357

139.5413, 0.3187,
0.3342

46.1242, 0.3214,
0.3365

174.3915, 0.3183,
0.3338

32.3438, 0.3225,
0.3374

214.6088, 0.3179,
0.3335

21.6242, 0.3239,
0.3386

260.5777, 0.3176,
0.3332

13.5811, 0.3258,
0.3402

312.6825, 0.3173,
0.3330

7.8299, 0.3284,
0.3424

371.3076, 0.3170,

3.9863, 0.3324,

0.3327

436.8375, 0.3168,
0.3325

0.3458

1.6659, 0.3390,
0.3514

0.4014, 0.4001,
0.4044

84.4048, 0.3198,
0.3351

84.4048, 0.3198,
0.3351

77.0435, 0.3369,
0.3491

92.3458, 0.3048,
0.3219

70.2364, 0.3562,
0.3637

97.4374, 0.3041,
0.3290

63.9722, 0.3776,
0.3785

58.2346, 0.4012,
0.3929

■ 53.0069, 0.4262,
0.4059

■ 48.2706, 0.4520,
0.4165

■ 44.0060, 0.4772,
0.4233

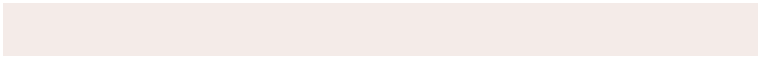
■ 40.1909, 0.5003,
0.4252

■ 36.8000, 0.5200,
0.4217

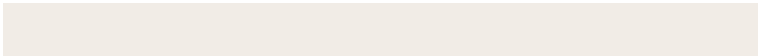
Harmonies

Analogous

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



84.4048, 0.3207, 0.3325



84.4048, 0.3198, 0.3351



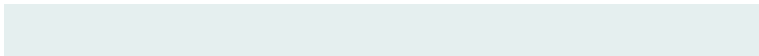
84.4048, 0.3170, 0.3361

Triad

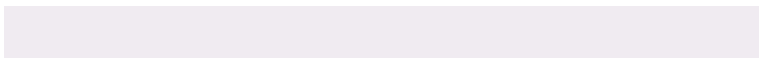
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.4048, 0.3198, 0.3351



84.4048, 0.3061, 0.3290



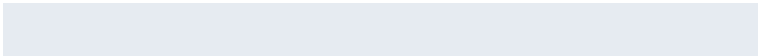
84.4048, 0.3123, 0.3230

Complementary

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



84.4048, 0.3198, 0.3351



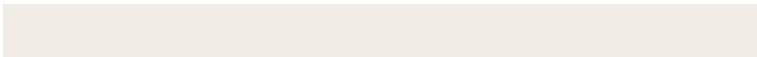
82.5885, 0.3057, 0.3228

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.



84.4048, 0.3084, 0.3221



84.4048, 0.3198, 0.3351



84.4048, 0.3048, 0.3254

Square

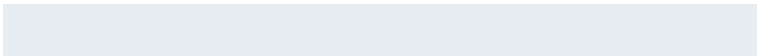
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.4048, 0.3198, 0.3351



84.4048, 0.3091, 0.3325



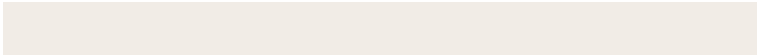
84.4048, 0.3057, 0.3229



84.4048, 0.3163, 0.3256

Rectangle

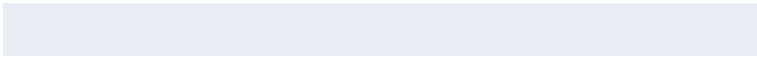
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



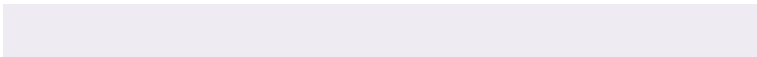
84.4048, 0.3198, 0.3351



84.4048, 0.3145, 0.3356



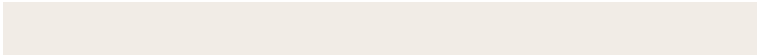
84.4048, 0.3057, 0.3229



84.4048, 0.3109, 0.3225

Sweetspot

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



84.4085, 0.3198, 0.3351



99.1011, 0.3142, 0.3303



81.3089, 0.3170, 0.3238



21.2212, 0.3142, 0.3303



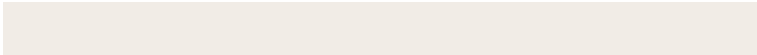
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



84.4085, 0.3198, 0.3351



95.5714, 0.3206, 0.3357



87.2470, 0.3192, 0.3401



17.7938, 0.3216, 0.3367



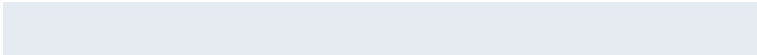
19.3176, 0.5271, 0.4197



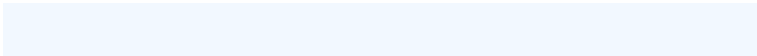
1.8057, 0.5090, 0.4340

Inverse Universe

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



82.5885, 0.3057, 0.3228



93.2966, 0.3050, 0.3222



79.8422, 0.3061, 0.3177



17.3131, 0.3040, 0.3212



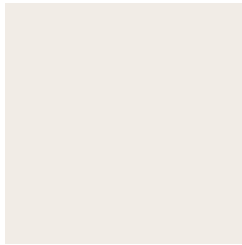
9.6728, 0.1730, 0.1427



1.0010, 0.1800, 0.1678

Previews

White Background



This preview shows how the Yxy color 84.4048, 0.3198, 0.3351 looks on a white background.

Color Contrast Check

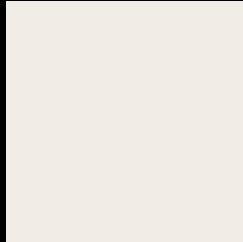
Large Text (above 18pt) WCAG AA × Fail

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 84.4048, 0.3198, 0.3351 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

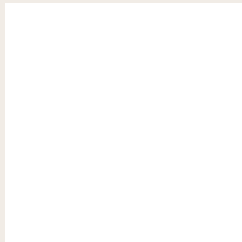
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.4048, 0.3198, 0.3351

Background



This preview shows how black text looks on a background with the Yxy color 84.4048, 0.3198, 0.3351.

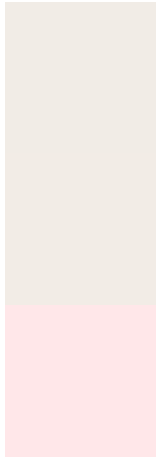


This preview shows how white text looks on a background with the Yxy color 84.4048, 0.3198, 0.3351.

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

84.4048, 0.3198, 0.3351

Protanopia

84.5813, 0.3205, 0.3351

Deuteranopia

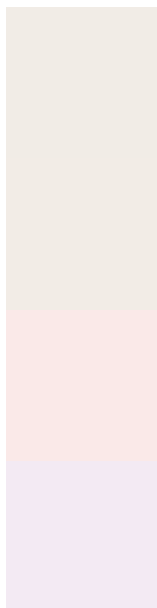
84.2950, 0.3280, 0.3271



Tritanopia

84.4760, 0.3089, 0.3112

Trichromacy



Original Color

84.4048, 0.3198, 0.3351

Protanomaly

84.5813, 0.3205, 0.3351

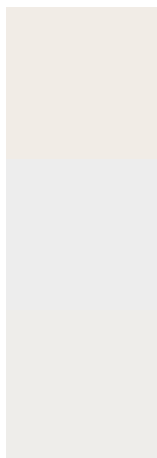
Deuteranomaly

84.4280, 0.3250, 0.3300

Tritanomaly

84.3714, 0.3131, 0.3200

Monochromacy



Original Color

84.4048, 0.3198, 0.3351

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.6860, 0.3152, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.4048, 0.3198, 0.3351 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(241, 236, 230) looks like.

```
.text, #text, p{  
    color:rgb(241, 236, 230)  
}
```

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(241, 236, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 236, 230) }
```

Border

The CSS property to change the border of an element to Yxy 84.4048, 0.3198, 0.3351 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(241, 236, 230) }
```

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

```
.border{ border-color:rgb(241, 236, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 236, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 236, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 236, 230);  
box-shadow:4px 4px 4px 4px rgb(241, 236,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 84.4048, 0.3198, 0.3351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 236, 230) }
```

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

```
.background{ background-color: rgb(241,  
236, 230) }
```

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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