

Converting Colors

$Yxy(88.5250, 0.3240, 0.3447)$

Have a look what the booklet for
Yxy(88.5250, 0.3240, 0.3447)
contains.

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Color

Yxy(88.4628, 0.3239, 0.3441)

Conversions

Conversions Part 1

Format	Color
Hex	F5F2E3
RGB	245, 242, 227
RGB Percent	96%, 95%, 89%
CMY	0.0393, 0.0509, 0.1098
CMYK	0.00, 0.01, 0.07, 0.04
HSL	50°, 47%, 93%
HSV	50°, 7%, 96%
XYZ	83.2697, 88.4628, 85.3521
YIQ	241.1870, 6.6030, -4.0290

Conversions

Conversions Part 2

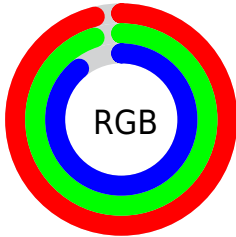
Format	Color
R _Y B	231, 245, 227
Decimal	16118499
CIE Lab	95.36, -1.55, 7.58
CIE LCh	95, 7.740, 101.546
Yxy	88.4628, 0.3239, 0.3441
Android (android.graphics.Color)	4294308579 (0xFFFF5F2E3)
YUV	241.1870, -6.9942, 3.3440
Hunter-Lab	94.0547, -6.5637, 12.0342

Details

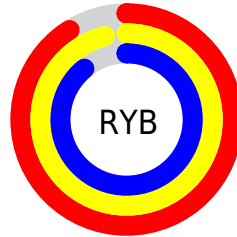
The Yxy color **88.4628, 0.3239, 0.3441** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.5001, 0.3014, 0.3134**, and the grayscale version is **88.1712, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.9152, 0.3263, 0.3470** is the 20% darker color. If you saturate the color by 10%, you get **84.8199, 0.3400, 0.3654**, and if you desaturate by 10%, it is **92.3595, 0.3088, 0.3237**.

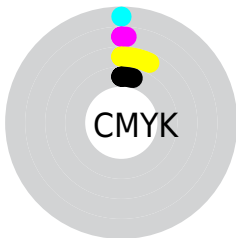
Distribution



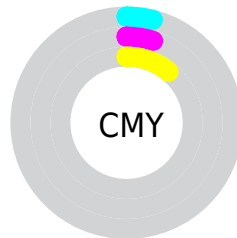
- Red (96%)
- Green (95%)
- Blue (89%)



- Red (91%)
- Yellow (96%)
- Blue (89%)



- Cyan (0%)
- Magenta (1%)
- Yellow (7%)
- Black (4%)



- Cyan (4%)
- Magenta (5%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.4628, 0.3239, 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 88.4628, 0.3239, 0.3441 by changing the saturation by 10% instead.

88.4628, 0.3239,
0.3441

88.4628, 0.3239,
0.3441

523.0176, 0.3189,
0.3373

66.7064, 0.3250,
0.3456

145.2013, 0.3222,
0.3418

48.8461, 0.3263,
0.3474

180.9522, 0.3215,
0.3409

34.4974, 0.3280,
0.3497

222.1367, 0.3210,
0.3401

23.2760, 0.3301,
0.3526

269.1393, 0.3204,
0.3394

14.7974, 0.3329,
0.3565

322.3443, 0.3200,
0.3388

8.6773, 0.3368,
0.3619

382.1360, 0.3196,

4.5313, 0.3426,

0.3383

0.3700

448.8990, 0.3192,
0.3378

■ 1.9750, 0.3518,
0.3831

■ 0.5929, 0.4260,
0.4805

■ 88.4628, 0.3239,
0.3441

■ 88.4628, 0.3239,
0.3441

■ 84.8199, 0.3400,
0.3654

■ 92.3595, 0.3088,
0.3237

■ 81.4109, 0.3569,
0.3870

■ 95.0797, 0.3067,
0.3243

■ 78.2304, 0.3742,
0.4083

■ 97.6303, 0.3066,
0.3282

■ 75.2689, 0.3913,
0.4284

■ 98.1508, 0.3066,
0.3290

■ 72.5158, 0.4076,
0.4463

■ 69.9594, 0.4223,
0.4610

■ 67.5863, 0.4347,
0.4716

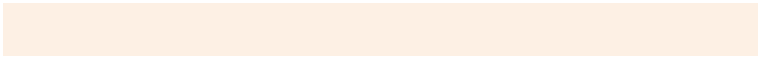
■ 65.3812, 0.4443,
0.4775

■ 63.3239, 0.4510,
0.4789

Harmonies

Analogous

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



88.4628, 0.3290, 0.3409



88.4628, 0.3239, 0.3441



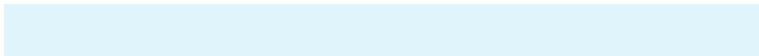
88.4628, 0.3159, 0.3432

Triad

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



88.4628, 0.3239, 0.3441



88.4628, 0.2961, 0.3231



88.4628, 0.3182, 0.3199

Complementary

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



88.4628, 0.3239, 0.3441



79.5001, 0.3014, 0.3134

Split Complementary

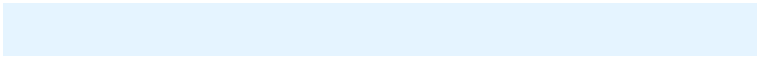
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.4628, 0.3094, 0.3153



88.4628, 0.3239, 0.3441



88.4628, 0.2967, 0.3170

Square

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



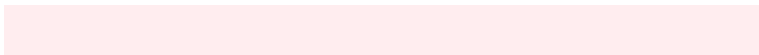
88.4628, 0.3239, 0.3441



88.4628, 0.2999, 0.3310



88.4628, 0.3015, 0.3142



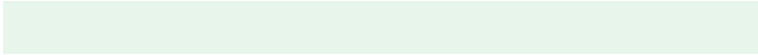
88.4628, 0.3257, 0.3269

Rectangle

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



88.4628, 0.3239, 0.3441



88.4628, 0.3100, 0.3404



88.4628, 0.3015, 0.3142



88.4628, 0.3153, 0.3180

Sweetspot

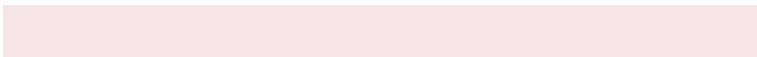
The Sweet Spot groups the original color and five complimentary colors.



88.4667, 0.3239, 0.3441



99.1381, 0.3157, 0.3331



80.0572, 0.3233, 0.3260



21.2287, 0.3156, 0.3329



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.



88.4667, 0.3239, 0.3441



96.2079, 0.3265, 0.3476



89.1941, 0.3197, 0.3473



18.8189, 0.3273, 0.3486



34.0074, 0.4519, 0.4794



3.1105, 0.4471, 0.4832

Inverse Universe

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



79.5001, 0.3014, 0.3134



84.2893, 0.2987, 0.3097



78.8479, 0.3054, 0.3105



16.3700, 0.2979, 0.3086



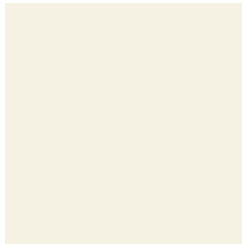
4.5226, 0.1540, 0.0744



0.5230, 0.1595, 0.0942

Previews

White Background



This preview shows how the Yxy color 88.4628, 0.3239, 0.3441 looks on a white background.

Color Contrast Check

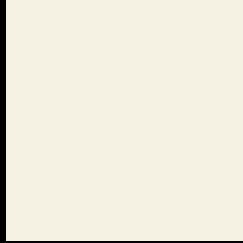
Large Text (above 18pt) WCAG AA × Fail

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 88.4628, 0.3239, 0.3441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

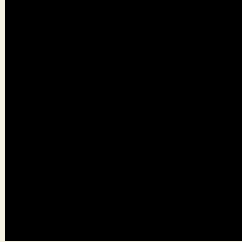
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

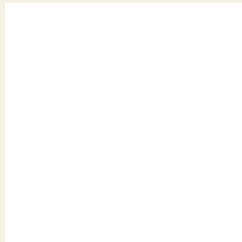
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.4628, 0.3239, 0.3441

Background



This preview shows how black text looks on a background with the Yxy color 88.4628, 0.3239, 0.3441.

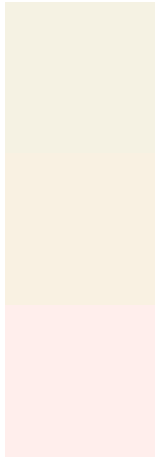


This preview shows how white text looks on a background with the Yxy color 88.4628, 0.3239, 0.3441.

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

88.4628, 0.3239, 0.3441

Protanopia

88.5413, 0.3273, 0.3440

Deuteranopia

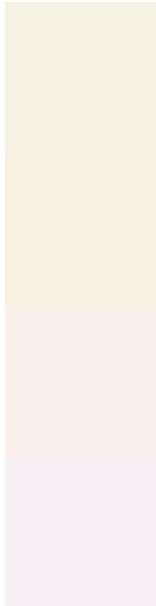
88.4652, 0.3253, 0.3310



Tritanopia

88.5088, 0.3096, 0.3125

Trichromacy



Original Color

88.4628, 0.3239, 0.3441

Protanomaly

88.3580, 0.3266, 0.3440

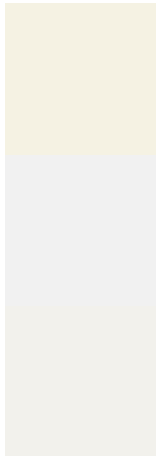
Deuteranomaly

88.1254, 0.3245, 0.3350

Tritanomaly

88.2820, 0.3150, 0.3231

Monochromacy



Original Color

88.4628, 0.3239, 0.3441

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.8440, 0.3164, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.4628, 0.3239, 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(245, 242, 227)` looks like.

```
.text, #text, p{  
    color:rgb(245, 242, 227)  
}
```

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(245, 242, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 242, 227) }
```

Border

The CSS property to change the border of an element to Yxy 88.4628, 0.3239, 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(245, 242, 227) }
```

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

```
.border{ border-color:rgb(245, 242, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 242, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 242, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 242, 227);  
box-shadow:4px 4px 4px 4px rgb(245, 242,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 88.4628, 0.3239, 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(245, 242, 227) }
```

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

```
.background{ background-color: rgb(245,  
242, 227) }
```

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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