

Converting Colors

$Yxy(88.7141, 0.3265, 0.3460)$

Have a look what the booklet for
Yxy(88.7141, 0.3265, 0.3460)
contains.

Yxy(88.7147, 0.3265, 0.3461)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(88.7147, 0.3265, 0.3461)

Conversions

Conversions Part 1

Format	Color
Hex	F7F2E1
RGB	247, 242, 225
RGB Percent	97%, 95%, 88%
CMY	0.0315, 0.0509, 0.1178
CMYK	0.00, 0.02, 0.09, 0.03
HSL	46°, 58%, 93%
HSV	46°, 9%, 97%
XYZ	83.6907, 88.7147, 83.9214
YIQ	241.5570, 8.4370, -4.2270

Conversions

Conversions Part 2

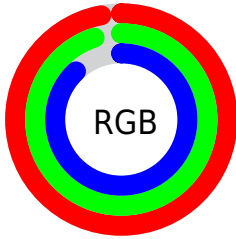
Format	Color
R _Y B	231, 247, 225
Decimal	16249569
CIE Lab	95.46, -1.20, 8.80
CIE LCh	95, 8.883, 97.760
Yxy	88.7147, 0.3265, 0.3461
Android (android.graphics.Color)	4294439649 (0xFFFF7F2E1)
YUV	241.5570, -8.1626, 4.7735
Hunter-Lab	94.1885, -6.2246, 13.1049

Details

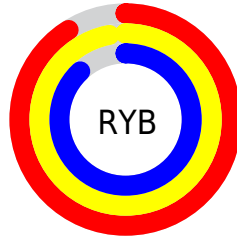
The Yxy color **88.7147, 0.3265, 0.3461** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.2699, 0.2989, 0.3113**, and the grayscale version is **88.4842, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.0965, 0.3296, 0.3495** is the 20% darker color. If you saturate the color by 10%, you get **84.2026, 0.3431, 0.3660**, and if you desaturate by 10%, it is **93.5305, 0.3111, 0.3270**.

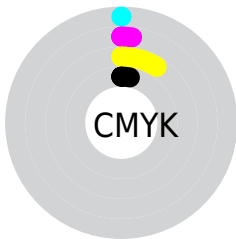
Distribution



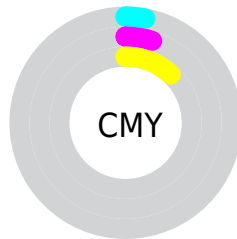
- Red (97%)
- Green (95%)
- Blue (88%)



- Red (91%)
- Yellow (97%)
- Blue (88%)



- Cyan (0%)
- Magenta (2%)
- Yellow (9%)
- Black (3%)





- Cyan (3%)
- Magenta (5%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.7147, 0.3265, 0.3461 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 88.7147, 0.3265, 0.3461 by changing the saturation by 10% instead.


 88.7147, 0.3265,
0.3461

 88.7147, 0.3265,
0.3461


523.8409, 0.3204,
0.3384

 66.9151, 0.3279,
0.3478


145.5518, 0.3244,
0.3435

 49.0157, 0.3295,
0.3499


181.3580, 0.3236,
0.3425

 34.6319, 0.3316,
0.3524


222.6020, 0.3229,
0.3416

 23.3795, 0.3342,
0.3557

269.6680, 0.3222,
0.3408

 14.8739, 0.3376,
0.3601

322.9405, 0.3217,
0.3401

 8.7310, 0.3424,
0.3662

382.8039, 0.3212,

 4.5661, 0.3494,

0.3395

0.3752

449.6426, 0.3208,
0.3389

■ 1.9950, 0.3607,
0.3898

■ 0.6046, 0.4572,
0.5068

■ 88.7147, 0.3265,
0.3461

■ 88.7147, 0.3265,
0.3461

■ 84.2026, 0.3431,
0.3660

■ 93.5305, 0.3111,
0.3270

■ 79.9732, 0.3608,
0.3863

■ 97.3364, 0.3078,
0.3272

■ 76.0206, 0.3791,
0.4063

■ 98.5102, 0.3078,
0.3290

■ 72.3343, 0.3975,
0.4250

■ 68.9027, 0.4154,
0.4416

■ 65.7132, 0.4318,
0.4548

■ 62.7513, 0.4460,
0.4639

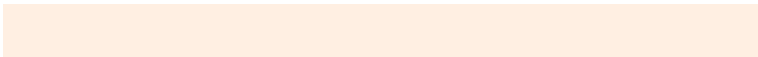
■ 60.0001, 0.4574,
0.4681

■ 57.4351, 0.4658,
0.4678

Harmonies

Analogous

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



88.7147, 0.3318, 0.3418



88.7147, 0.3265, 0.3461



88.7147, 0.3176, 0.3457

Triad

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



88.7147, 0.3265, 0.3461



88.7147, 0.2940, 0.3233



88.7147, 0.3178, 0.3178

Complementary

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



88.7147, 0.3265, 0.3461



79.2699, 0.2989, 0.3113

Split Complementary

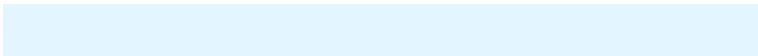
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.7147, 0.3076, 0.3129



88.7147, 0.3265, 0.3461



88.7147, 0.2940, 0.3159

Square

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



88.7147, 0.3265, 0.3461



88.7147, 0.2989, 0.3324



88.7147, 0.2990, 0.3122



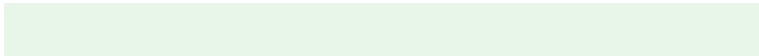
88.7147, 0.3267, 0.3255

Rectangle

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



88.7147, 0.3265, 0.3461



88.7147, 0.3108, 0.3428



88.7147, 0.2990, 0.3122



88.7147, 0.3144, 0.3157

Sweetspot

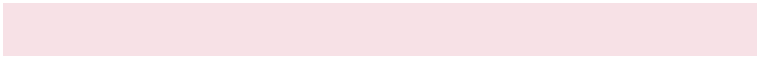
The Sweet Spot groups the original color and five complimentary colors.



88.7186, 0.3265, 0.3461



98.4217, 0.3172, 0.3347



79.3213, 0.3248, 0.3238



20.9771, 0.3185, 0.3362



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

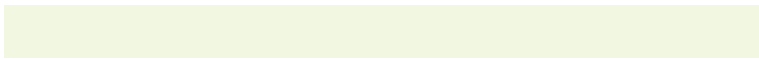
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.7186, 0.3265, 0.3461



94.3550, 0.3299, 0.3502



90.6626, 0.3221, 0.3512



18.6428, 0.3274, 0.3472



30.4611, 0.4657, 0.4684



2.8288, 0.4587, 0.4740

Inverse Universe

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



79.2699, 0.2989, 0.3113



81.9754, 0.2954, 0.3068



77.5079, 0.3028, 0.3063



16.5326, 0.2979, 0.3101



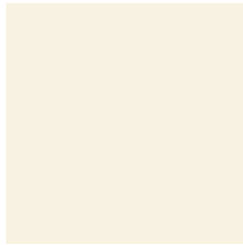
5.2049, 0.1567, 0.0840



0.6057, 0.1629, 0.1064

Previews

White Background



This preview shows how the Yxy color 88.7147, 0.3265, 0.3461 looks on a white background.

Color Contrast Check

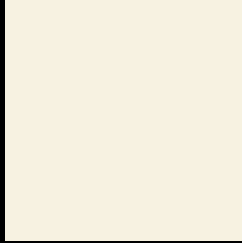
Large Text (above 18pt) WCAG AA × Fail

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 88.7147, 0.3265, 0.3461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

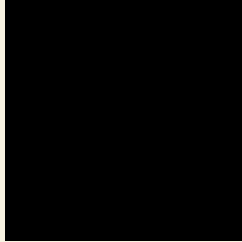
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

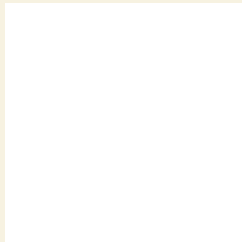
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.7147, 0.3265, 0.3461

Background



This preview shows how black text looks on a background with the Yxy color 88.7147, 0.3265, 0.3461.

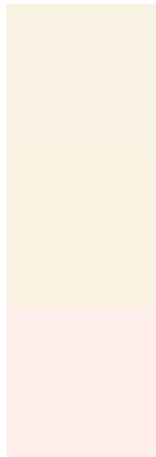


This preview shows how white text looks on a background with the Yxy color 88.7147, 0.3265, 0.3461.

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

88.7147, 0.3265, 0.3461

Protanopia

88.6164, 0.3293, 0.3460

Deuteranopia

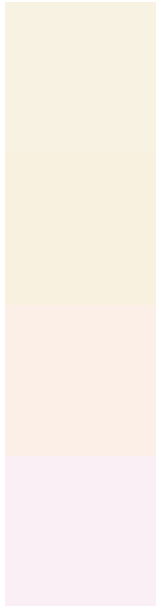
88.4072, 0.3260, 0.3320



Tritanopia

88.8783, 0.3109, 0.3125

Trichromacy



Original Color

88.7147, 0.3265, 0.3461

Protanomaly

88.4321, 0.3286, 0.3460

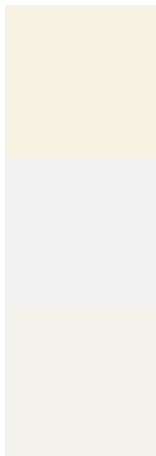
Deuteranomaly

88.1980, 0.3264, 0.3369

Tritanomaly

88.5887, 0.3169, 0.3241

Monochromacy



Original Color

88.7147, 0.3265, 0.3461

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.7935, 0.3177, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.7147, 0.3265, 0.3461 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(247, 242, 225)` looks like.

```
.text, #text, p{  
    color:rgb(247, 242, 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(247, 242, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 242, 225) }
```

Border

The CSS property to change the border of an element to Yxy 88.7147, 0.3265, 0.3461 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(247, 242, 225) }
```

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

```
.border{ border-color:rgb(247, 242, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 242, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 242, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 242, 225);  
box-shadow:4px 4px 4px 4px rgb(247, 242,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 88.7147, 0.3265, 0.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 242, 225) }
```

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

```
.background{ background-color: rgb(247,  
242, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor