

Converting Colors

$Yxy(89.0011, 0.3377, 0.3549)$

Have a look what the booklet for
Yxy(89.0011, 0.3377, 0.3549)
contains.

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Color

Yxy(88.8877, 0.3377, 0.3549)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FEF1D7 |
| RGB | 254, 241, 215 |
| RGB Percent | 100%, 95%, 84% |
| CMY | 0.0041, 0.0548, 0.1568 |
| CMYK | 0.00, 0.05, 0.15, 0.00 |
| HSL | 40°, 95%, 92% |
| HSV | 40°, 15%, 100% |
| XYZ | 84.5798, 88.8877, 76.9909 |
| YIQ | 241.9230, 16.0940, -5.3300 |

Conversions

Conversions Part 2

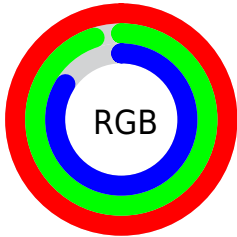
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 235, 254, 215 |
| Decimal | 16708055 |
| CIE Lab | 95.53, 0.18, 14.12 |
| CIE LCh | 96, 14.121, 89.271 |
| Yxy | 88.8877, 0.3377, 0.3549 |
| Android (android.graphics.Color) | 4294898135 (0xFFFEF1D7) |
| YUV | 241.9230, -13.2730, 10.5915 |
| Hunter-Lab | 94.2803, -4.8563, 17.5789 |

Details

The Yxy color **88.8877, 0.3377, 0.3549** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **77.0478, 0.2883, 0.3017**, and the grayscale version is **88.8242, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.1063, 0.3433, 0.3608** is the 20% darker color. If you saturate the color by 10%, you get **82.8103, 0.3560, 0.3726**, and if you desaturate by 10%, it is **95.4064, 0.3210, 0.3378**.

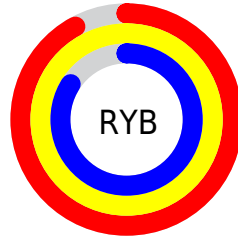
Distribution



Red (100%)

Green (95%)

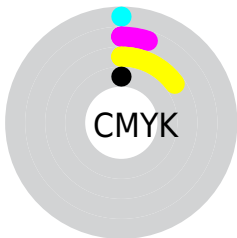
Blue (84%)



Red (92%)

Yellow (100%)

Blue (84%)

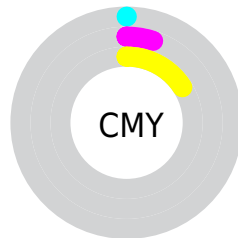


Cyan (0%)

Magenta (5%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (5%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.8877, 0.3377, 0.3549 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 88.8877, 0.3377, 0.3549 by changing the saturation by 10% instead.

 88.8877, 0.3377,
0.3549

 88.8877, 0.3377,
0.3549

524.4059, 0.3265,
0.3434

 67.0585, 0.3402,
0.3574

145.7924, 0.3339,
0.3510

 49.1322, 0.3431,
0.3605


181.6367, 0.3324,
0.3494

 34.7243, 0.3468,
0.3644


222.9214, 0.3311,
0.3481

 23.4506, 0.3516,
0.3693

270.0310, 0.3300,
0.3469

 14.9266, 0.3578,
0.3757

323.3498, 0.3290,
0.3459

 8.7679, 0.3664,
0.3845

383.2623, 0.3281,

 4.5901, 0.3788,

0.3449

0.3973

450.1529, 0.3273,
0.3441

■ 2.0088, 0.3984,
0.4176

■ 0.6126, 0.4892,
0.5108

■ 88.8877, 0.3377,
0.3549

■ 88.8877, 0.3377,
0.3549

■ 82.8103, 0.3560,
0.3726

■ 95.4064, 0.3210,
0.3378

■ 77.1501, 0.3758,
0.3904

99.8009, 0.3121,
0.3290

■ 71.8979, 0.3967,
0.4075

■ 67.0393, 0.4180,
0.4230

■ 62.5590, 0.4389,
0.4358

■ 58.4401, 0.4584,
0.4446

■ 54.6630, 0.4754,
0.4486

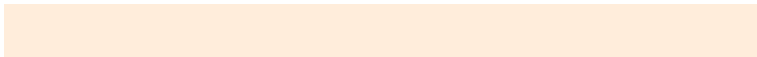
■ 51.2045, 0.4891,
0.4474

■ 49.6858, 0.4946,
0.4455

Harmonies

Analogous

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



88.8877, 0.3440, 0.3461



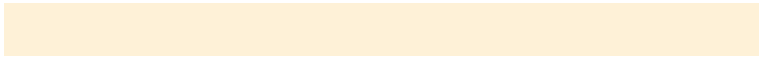
88.8877, 0.3377, 0.3549



88.8877, 0.3247, 0.3568

Triad

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



88.8877, 0.3377, 0.3549



88.8877, 0.2846, 0.3237



88.8877, 0.3161, 0.3086

Complementary

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



88.8877, 0.3377, 0.3549



77.0478, 0.2883, 0.3017

Split Complementary

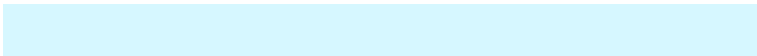
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.8877, 0.3003, 0.3027



88.8877, 0.3377, 0.3549



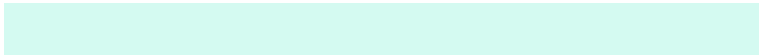
88.8877, 0.2824, 0.3109

Square

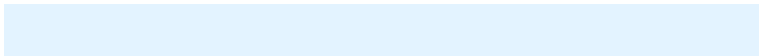
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.8877, 0.3377, 0.3549



88.8877, 0.2941, 0.3384



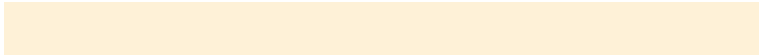
88.8877, 0.2880, 0.3034



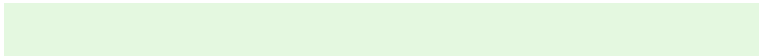
88.8877, 0.3314, 0.3196

Rectangle

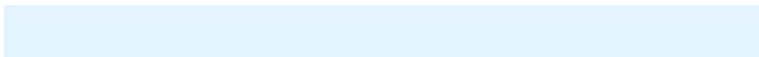
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.8877, 0.3377, 0.3549



88.8877, 0.3141, 0.3536



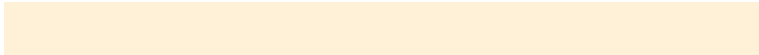
88.8877, 0.2880, 0.3034



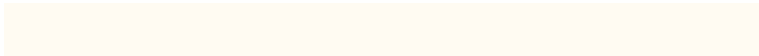
88.8877, 0.3107, 0.3060

Sweetspot

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



88.8916, 0.3377, 0.3549



96.5357, 0.3204, 0.3372



75.2647, 0.3324, 0.3160



20.5603, 0.3216, 0.3384



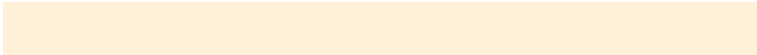
0.0000, 0.0000, 0.0000



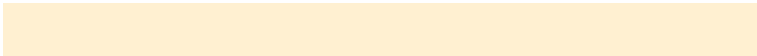
21.4041, 0.3127, 0.3290

Same Dimension

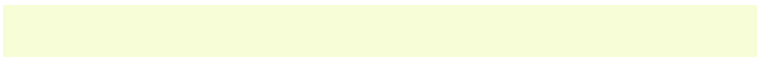
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.8916, 0.3377, 0.3549



88.0513, 0.3424, 0.3596



95.6141, 0.3315, 0.3677



20.0152, 0.3277, 0.3448



26.4893, 0.4931, 0.4467



2.7799, 0.4825, 0.4551

Inverse Universe

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



77.0478, 0.2883, 0.3017



74.2805, 0.2838, 0.2964



71.2055, 0.2921, 0.2883



18.3625, 0.2979, 0.3127



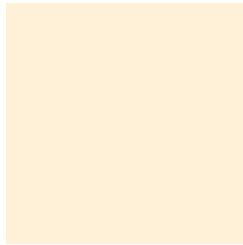
7.3801, 0.1631, 0.1071



0.9095, 0.1693, 0.1295

Previews

White Background



This preview shows how the Yxy color 88.8877, 0.3377, 0.3549 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 88.8877, 0.3377, 0.3549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

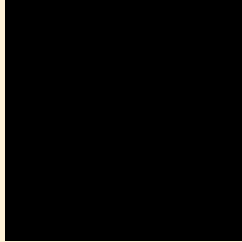
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.8877, 0.3377, 0.3549

Background



This preview shows how black text looks on a background with the Yxy color 88.8877, 0.3377, 0.3549.

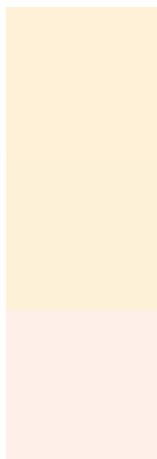


This preview shows how white text looks on a background with the Yxy color 88.8877, 0.3377, 0.3549.

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

88.8877, 0.3377, 0.3549

Protanopia

88.6995, 0.3371, 0.3549

Deuteranopia

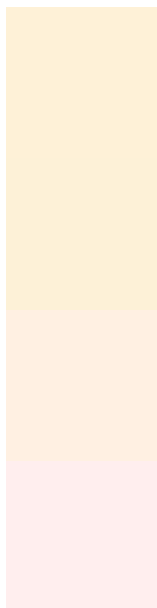
88.8762, 0.3272, 0.3349



Tritanopia

88.7934, 0.3160, 0.3155

Trichromacy



Original Color

88.8877, 0.3377, 0.3549

Protanomaly

88.6995, 0.3371, 0.3549

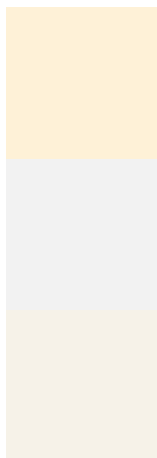
Deuteranomaly

89.0712, 0.3315, 0.3428

Tritanomaly

88.5821, 0.3241, 0.3290

Monochromacy



Original Color

88.8877, 0.3377, 0.3549

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.9233, 0.3215, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.8877, 0.3377, 0.3549 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(254, 241, 215)` looks like.

```
.text, #text, p{  
    color:rgb(254, 241, 215)  
}
```

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(254, 241, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 241, 215) }
```

Border

The CSS property to change the border of an element to Yxy 88.8877, 0.3377, 0.3549 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(254, 241, 215) }
```

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

```
.border{ border-color:rgb(254, 241, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 241, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 241, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 241, 215);  
box-shadow:4px 4px 4px 4px rgb(254, 241,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 88.8877, 0.3377, 0.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 241, 215) }
```

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

```
.background{ background-color: rgb(254,  
241, 215) }
```

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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