

Converting Colors

$Y_{xy}(94.2954, 0.3567, 0.3518)$

Have a look what the booklet for
Yxy(94.2954, 0.3567, 0.3518)
contains.

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Color

Yxy(88.5380, 0.3379, 0.3529)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFF0D8 |
| RGB | 255, 240, 216 |
| RGB Percent | 100%, 94%, 85% |
| CMY | 0.0003, 0.0587, 0.1530 |
| CMYK | 0.00, 0.06, 0.15, 0.00 |
| HSL | 37°, 100%, 92% |
| HSV | 37°, 15%, 100% |
| XYZ | 84.7747, 88.5380, 77.5742 |
| YIQ | 241.7490, 16.6440, -4.2840 |

Conversions

Conversions Part 2

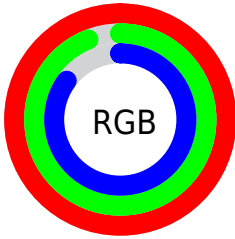
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 240, 255, 216 |
| Decimal | 16773336 |
| CIE _{Lab} | 95.39, 1.18, 13.42 |
| CIE _{LCh} | 95, 13.471, 84.975 |
| Yxy | 88.5380, 0.3379, 0.3529 |
| Android (android.graphics.Color) | 4294963416 (0xFFFFF0D8) |
| YUV | 241.7490, -12.6943, 11.6211 |
| Hunter-Lab | 94.0946, -3.8458, 16.9859 |

Details

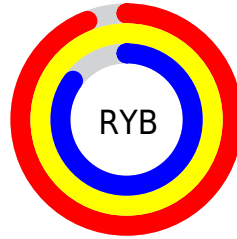
The Yxy color **88.5380, 0.3379, 0.3529** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.9014, 0.2885, 0.3039**, and the grayscale version is **88.6723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.8600, 0.3436, 0.3582** is the 20% darker color. If you saturate the color by 10%, you get **81.7328, 0.3567, 0.3694**, and if you desaturate by 10%, it is **95.8644, 0.3209, 0.3370**.

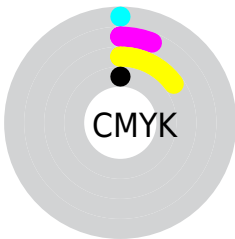
Distribution



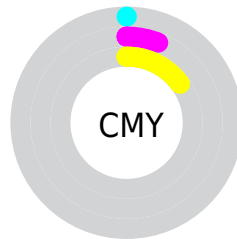
- Red (100%)
- Green (94%)
- Blue (85%)



- Red (94%)
- Yellow (100%)
- Blue (85%)



- Cyan (0%)
- Magenta (6%)
- Yellow (15%)
- Black (0%)




- Cyan (0%)
- Magenta (6%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.5380, 0.3379, 0.3529 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 88.5380, 0.3379, 0.3529 by changing the saturation by 10% instead.

 88.5380, 0.3379,
0.3529

 88.5380, 0.3379,
0.3529


523.2635, 0.3266,
0.3423

 66.7687, 0.3404,
0.3552

145.3059, 0.3341,
0.3493

 48.8967, 0.3434,
0.3581


181.0734, 0.3326,
0.3479

 34.5375, 0.3472,
0.3616


222.2757, 0.3312,
0.3466

 23.3069, 0.3520,
0.3661

269.2972, 0.3301,
0.3455

 14.8203, 0.3583,
0.3720

322.5223, 0.3291,
0.3446

 8.6933, 0.3671,
0.3801

382.3355, 0.3282,

 4.5417, 0.3798,

0.3437

0.3918

449.1211, 0.3274,
0.3429

■ 1.9810, 0.4001,
0.4101

■ 0.5964, 0.4997,
0.5003

■ 88.5380, 0.3379,
0.3529

■ 88.5380, 0.3379,
0.3529

■ 81.7328, 0.3567,
0.3694

■ 95.8644, 0.3209,
0.3370

■ 75.4229, 0.3773,
0.3859

99.9876, 0.3127,
0.3290

■ 69.5972, 0.3993,
0.4019

■ 64.2394, 0.4223,
0.4164

■ 59.3323, 0.4452,
0.4282

■ 54.8567, 0.4669,
0.4361

■ 50.7911, 0.4863,
0.4390

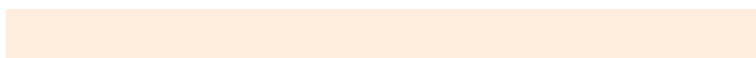
■ 47.1098, 0.5023,
0.4366

■ 45.4904, 0.5090,
0.4341

Harmonies

Analogous

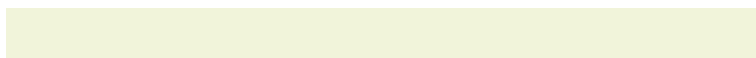
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.5380, 0.3428, 0.3438



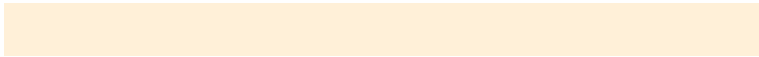
88.5380, 0.3379, 0.3529



88.5380, 0.3262, 0.3557

Triad

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



88.5380, 0.3379, 0.3529



88.5380, 0.2867, 0.3259



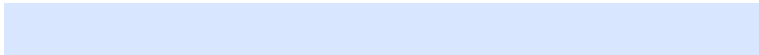
88.5380, 0.3137, 0.3083

Complementary

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



88.5380, 0.3379, 0.3529



78.9014, 0.2885, 0.3039

Split Complementary

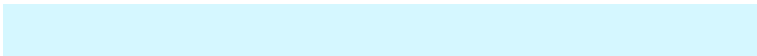
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.5380, 0.2989, 0.3035



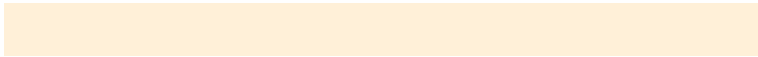
88.5380, 0.3379, 0.3529



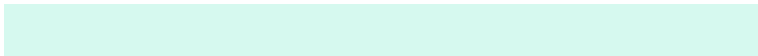
88.5380, 0.2835, 0.3132

Square

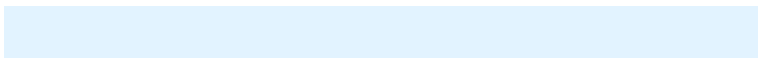
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.5380, 0.3379, 0.3529



88.5380, 0.2967, 0.3399



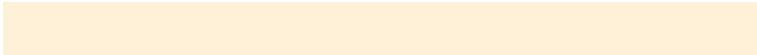
88.5380, 0.2879, 0.3052



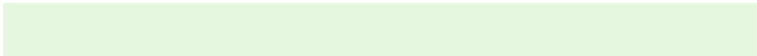
88.5380, 0.3286, 0.3183

Rectangle

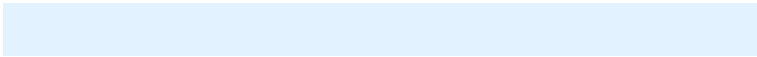
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.5380, 0.3379, 0.3529



88.5380, 0.3163, 0.3534



88.5380, 0.2879, 0.3052



88.5380, 0.3086, 0.3061

Sweetspot

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



88.5419, 0.3379, 0.3529



96.1323, 0.3205, 0.3366



76.1152, 0.3309, 0.3141



20.4622, 0.3216, 0.3377



0.0000, 0.0000, 0.0000



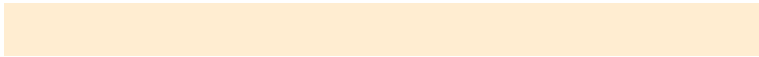
21.4041, 0.3127, 0.3290

Same Dimension

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



88.5419, 0.3379, 0.3529



86.6894, 0.3428, 0.3573



96.8315, 0.3327, 0.3674



19.8546, 0.3279, 0.3436



24.0811, 0.5071, 0.4356



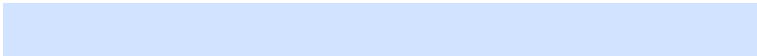
2.5561, 0.4944, 0.4457

Inverse Universe

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



78.9014, 0.2885, 0.3039



75.5446, 0.2839, 0.2989



71.6167, 0.2909, 0.2883



18.5172, 0.2979, 0.3139



8.5620, 0.1669, 0.1208



1.0370, 0.1731, 0.1433

Previews

White Background



This preview shows how the Yxy color 88.5380, 0.3379, 0.3529 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 88.5380, 0.3379, 0.3529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

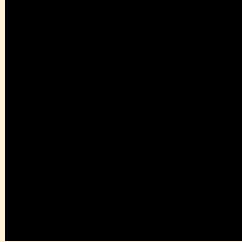
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.5380, 0.3379, 0.3529

Background



This preview shows how black text looks on a background with the Yxy color 88.5380, 0.3379, 0.3529.

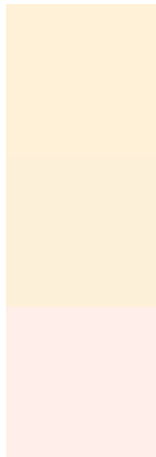


This preview shows how white text looks on a background with the Yxy color 88.5380, 0.3379, 0.3529.

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

88.5380, 0.3379, 0.3529

Protanopia

88.5639, 0.3357, 0.3540

Deuteranopia

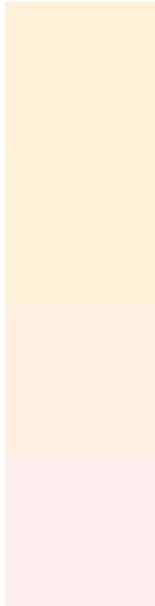
88.2923, 0.3273, 0.3340



Tritanopia

88.7305, 0.3166, 0.3164

Trichromacy



Original Color

88.5380, 0.3379, 0.3529

Protanomaly

88.7511, 0.3364, 0.3539

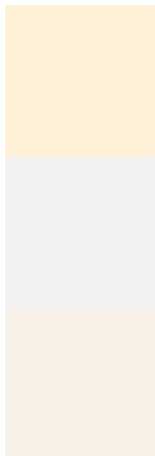
Deuteranomaly

88.5391, 0.3310, 0.3409

Tritanomaly

88.5821, 0.3241, 0.3290

Monochromacy



Original Color

88.5380, 0.3379, 0.3529

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.5679, 0.3216, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.5380, 0.3379, 0.3529 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(255, 240, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 216)  
}
```

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(255, 240, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 216) }
```

Border

The CSS property to change the border of an element to Yxy 88.5380, 0.3379, 0.3529 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(255, 240, 216) }
```

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

```
.border{ border-color:rgb(255, 240, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 88.5380, 0.3379, 0.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 216) }
```

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

```
.background{ background-color: rgb(255,  
240, 216) }
```

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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