

Converting Colors

$Yxy(80.7126, 0.3332, 0.3534)$

Have a look what the booklet for
Yxy(80.7126, 0.3332, 0.3534)
contains.

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Color

Yxy(80.8419, 0.3331, 0.3529)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F0E8D1 |
| RGB | 240, 232, 209 |
| RGB Percent | 94%, 91%, 82% |
| CMY | 0.0588, 0.0902, 0.1802 |
| CMYK | 0.00, 0.03, 0.13, 0.06 |
| HSL | 44°, 51%, 88% |
| HSV | 44°, 13%, 94% |
| XYZ | 76.3061, 80.8419, 71.9307 |
| YIQ | 231.7700, 12.1510, -5.4570 |

Conversions

Conversions Part 2

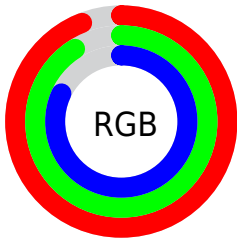
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 220, 240, 209 |
| Decimal | 15788241 |
| CIE Lab | 92.06, -1.08, 12.13 |
| CIE LCh | 92, 12.174, 95.075 |
| Yxy | 80.8419, 0.3331, 0.3529 |
| Android (android.graphics.Color) | 4293978321 (0xFFFF0E8D1) |
| YUV | 231.7700, -11.2256, 7.2177 |
| Hunter-Lab | 89.9121, -5.8578, 15.5058 |

Details

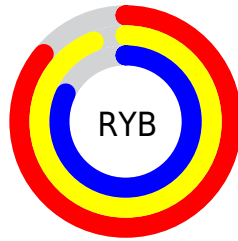
The Yxy color **80.8419, 0.3331, 0.3529** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **69.5050, 0.2924, 0.3039**, and the grayscale version is **80.5985, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.6076, 0.3376, 0.3572** is the 20% darker color. If you saturate the color by 10%, you get **76.3117, 0.3504, 0.3722**, and if you desaturate by 10%, it is **85.6818, 0.3171, 0.3342**.

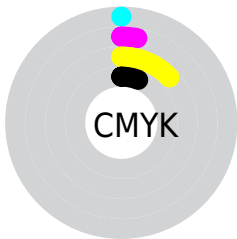
Distribution



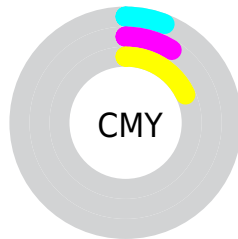
- Red (94%)
- Green (91%)
- Blue (82%)



- Red (86%)
- Yellow (94%)
- Blue (82%)



- Cyan (0%)
- Magenta (3%)
- Yellow (13%)
- Black (6%)



- Cyan (6%)
- Magenta (9%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.8419, 0.3331, 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 80.8419, 0.3331, 0.3529 by changing the saturation by 10% instead.

80.8419, 0.3331,
0.3529

80.8419, 0.3331,
0.3529

497.7656, 0.3239,
0.3420

60.4114, 0.3352,
0.3553

134.5488, 0.3299,
0.3492

43.7503, 0.3377,
0.3583

168.5939, 0.3287,
0.3477

30.4743, 0.3409,
0.3621

207.9460, 0.3276,
0.3464

20.1988, 0.3450,
0.3670

252.9896, 0.3267,
0.3453

12.5397, 0.3504,
0.3735

304.1089, 0.3258,
0.3444

7.1123, 0.3581,
0.3827

361.6884, 0.3251,

3.5325, 0.3695,

0.3435

0.3965

426.1125, 0.3244,
0.3427

■ 1.4156, 0.3932,
0.4249

■ 0.2282, 0.4551,
0.5449

■ 80.8419, 0.3331,
0.3529

■ 80.8419, 0.3331,
0.3529

■ 76.3117, 0.3504,
0.3722

■ 85.6818, 0.3171,
0.3342

■ 72.0712, 0.3688,
0.3917

■ 90.6969, 0.3037,
0.3186

■ 68.1140, 0.3879,
0.4106

■ 94.5036, 0.3036,
0.3247

■ 64.4297, 0.4070,
0.4280

■ 97.2666, 0.3035,
0.3290

■ 61.0066, 0.4255,
0.4428

■ 57.8318, 0.4424,
0.4540

■ 54.8907, 0.4569,
0.4607

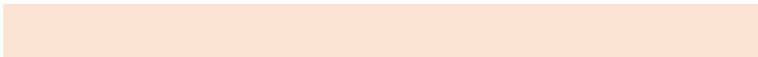
■ 52.1657, 0.4683,
0.4624

■ 50.3443, 0.4749,
0.4611

Harmonies

Analogous

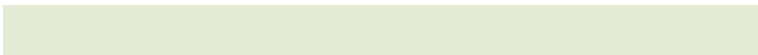
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.8419, 0.3400, 0.3462



80.8419, 0.3331, 0.3529



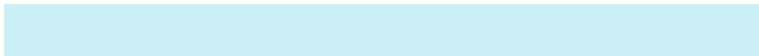
80.8419, 0.3208, 0.3532

Triad

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



80.8419, 0.3331, 0.3529



80.8419, 0.2867, 0.3219



80.8419, 0.3186, 0.3124

Complementary

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



80.8419, 0.3331, 0.3529



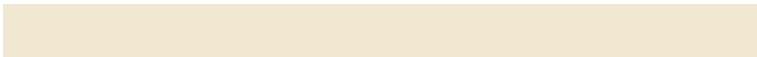
69.5050, 0.2924, 0.3039

Split Complementary

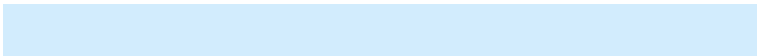
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.8419, 0.3042, 0.3061



80.8419, 0.3331, 0.3529



80.8419, 0.2861, 0.3112

Square

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



80.8419, 0.3331, 0.3529



80.8419, 0.2941, 0.3349



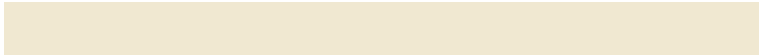
80.8419, 0.2924, 0.3056



80.8419, 0.3315, 0.3229

Rectangle

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



80.8419, 0.3331, 0.3529



80.8419, 0.3112, 0.3494



80.8419, 0.2924, 0.3056



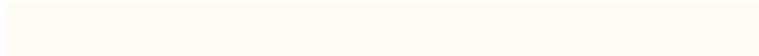
80.8419, 0.3137, 0.3097

Sweetspot

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



80.8455, 0.3331, 0.3529



97.6889, 0.3188, 0.3363



69.1741, 0.3303, 0.3204



20.8178, 0.3200, 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.



80.8455, 0.3331, 0.3529



91.6273, 0.3367, 0.3570



84.2172, 0.3271, 0.3614



17.7268, 0.3275, 0.3464



27.7836, 0.4738, 0.4620



2.4708, 0.4650, 0.4690

Inverse Universe

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



69.5050, 0.2924, 0.3039



76.6756, 0.2887, 0.2993



66.5536, 0.2972, 0.2955



15.8932, 0.2980, 0.3110



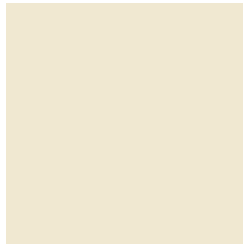
5.5154, 0.1585, 0.0906



0.6144, 0.1654, 0.1155

Previews

White Background



This preview shows how the Yxy color 80.8419, 0.3331, 0.3529 looks on a white background.

Color Contrast Check

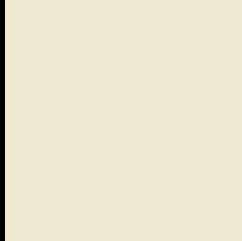
Large Text (above 18pt) WCAG AA × Fail

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 80.8419, 0.3331, 0.3529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

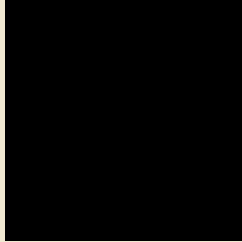
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

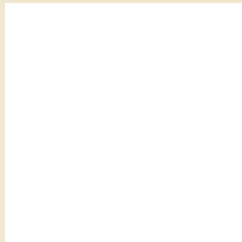
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.8419, 0.3331, 0.3529

Background



This preview shows how black text looks on a background with the Yxy color 80.8419, 0.3331, 0.3529.

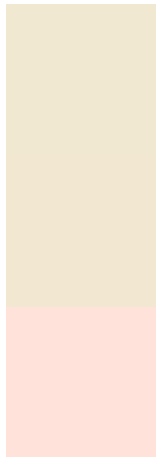


This preview shows how white text looks on a background with the Yxy color 80.8419, 0.3331, 0.3529.

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

80.8419, 0.3331, 0.3529

Protanopia

80.6325, 0.3347, 0.3518

Deuteranopia

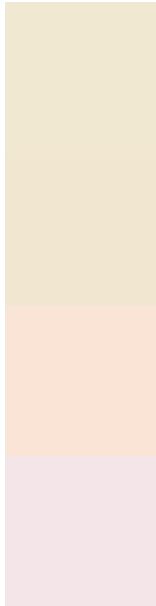
80.6625, 0.3394, 0.3381



Tritanopia

80.9432, 0.3136, 0.3110

Trichromacy



Original Color

80.8419, 0.3331, 0.3529

Protanomaly

80.4560, 0.3340, 0.3519

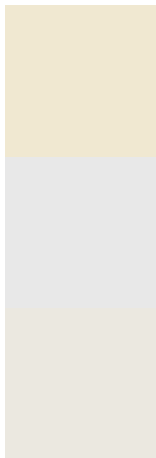
Deuteranomaly

80.6658, 0.3375, 0.3433

Tritanomaly

80.9195, 0.3204, 0.3260

Monochromacy



Original Color

80.8419, 0.3331, 0.3529

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.7572, 0.3198, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.8419, 0.3331, 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(240, 232, 209)` looks like.

```
.text, #text, p{  
    color:rgb(240, 232, 209)  
}
```

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(240, 232, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 232, 209) }
```

Border

The CSS property to change the border of an element to Yxy 80.8419, 0.3331, 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(240, 232, 209) }
```

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

```
.border{ border-color:rgb(240, 232, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 232, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 232, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 232, 209);  
box-shadow:4px 4px 4px 4px rgb(240, 232,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 80.8419, 0.3331, 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(240, 232, 209) }
```

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

```
.background{ background-color: rgb(240,  
232, 209) }
```

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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