

Converting Colors

Yxy(80.3859, 0.3342, 0.3398)

Have a look what the booklet for
Yxy(80.3859, 0.3342, 0.3398)
contains.

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Color

Yxy(80.4530, 0.3340, 0.3403)

Conversions

Conversions Part 1

Format	Color
Hex	F8E4D9
RGB	248, 228, 217
RGB Percent	97%, 89%, 85%
CMY	0.0277, 0.1058, 0.1491
CMYK	0.00, 0.08, 0.12, 0.03
HSL	21°, 69%, 91%
HSV	21°, 12%, 97%
XYZ	78.9636, 80.4530, 77.0013
YIQ	232.7260, 15.4510, 0.8190

Conversions

Conversions Part 2

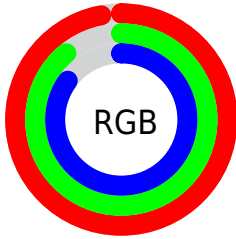
Format	Color
R _Y B	248, 234, 217
Decimal	16311513
CIE Lab	91.89, 5.00, 7.83
CIE LCh	92, 9.290, 57.404
Yxy	80.4530, 0.3340, 0.3403
Android (android.graphics.Color)	4294501593 (0xFF8E4D9)
YUV	232.7260, -7.7529, 13.3953
Hunter-Lab	89.6956, 0.1753, 11.8880

Details

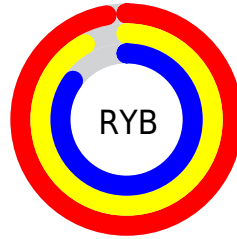
The Yxy color **80.4530, 0.3340, 0.3403** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.0386, 0.2933, 0.3174**, and the grayscale version is **81.3166, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.5721, 0.3386, 0.3435** is the 20% darker color. If you saturate the color by 10%, you get **70.8837, 0.3544, 0.3500**, and if you desaturate by 10%, it is **91.0334, 0.3166, 0.3312**.

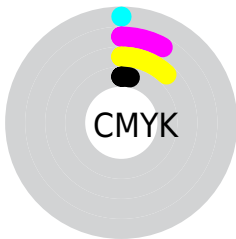
Distribution



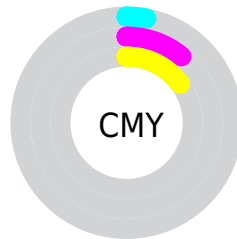
- Red (97%)
- Green (89%)
- Blue (85%)



- Red (97%)
- Yellow (92%)
- Blue (85%)



- Cyan (0%)
- Magenta (8%)
- Yellow (12%)
- Black (3%)





- Cyan (3%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.4530, 0.3340, 0.3403 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 80.4530, 0.3340, 0.3403 by changing the saturation by 10% instead.

 80.4530, 0.3340,
0.3403

 80.4530, 0.3340,
0.3403


496.4582, 0.3243,
0.3352

 60.0912, 0.3362,
0.3414

134.0024, 0.3307,
0.3386

 43.4921, 0.3389,
0.3428


167.9589, 0.3293,
0.3379

 30.2715, 0.3423,
0.3445


207.2156, 0.3282,
0.3373

 20.0447, 0.3467,
0.3466

252.1571, 0.3272,
0.3368

 12.4276, 0.3526,
0.3495

303.1677, 0.3264,
0.3363

 7.0356, 0.3610,
0.3535

360.6318, 0.3256,

 3.4844, 0.3739,

0.3359

0.3593

424.9338, 0.3249,
0.3356

■ 1.3895, 0.3961,
0.3688

■ 0.2090, 0.6055,
0.3945

■ 80.4530, 0.3340,
0.3403

■ 80.4530, 0.3340,
0.3403

■ 70.8837, 0.3544,
0.3500

■ 91.0334, 0.3166,
0.3312

■ 62.2843, 0.3783,
0.3599

■ 98.6870, 0.3084,
0.3290

■ 54.6264, 0.4058,
0.3696

■ 47.8761, 0.4367,
0.3783

■ 41.9973, 0.4704,
0.3851

■ 36.9512, 0.5052,
0.3886

■ 32.6954, 0.5384,
0.3876

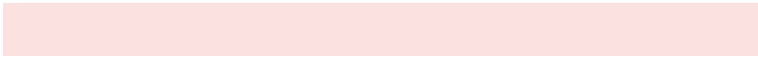
■ 29.1826, 0.5671,
0.3813

■ 26.9936, 0.5848,
0.3739

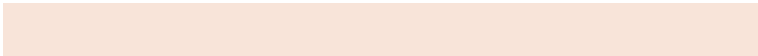
Harmonies

Analogous

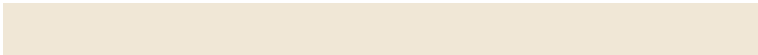
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.4530, 0.3321, 0.3314



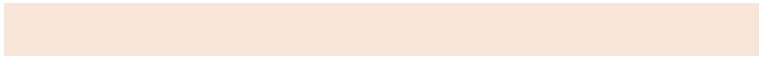
80.4530, 0.3340, 0.3403



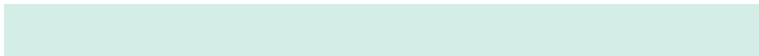
80.4530, 0.3301, 0.3464

Triad

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



80.4530, 0.3340, 0.3403



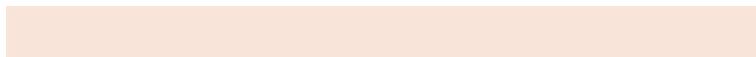
80.4530, 0.3006, 0.3360



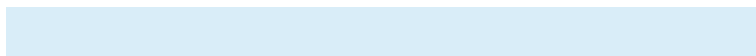
80.4530, 0.3037, 0.3108

Complementary

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



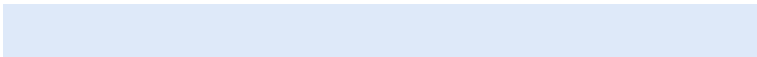
80.4530, 0.3340, 0.3403



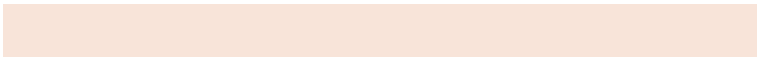
82.0386, 0.2933, 0.3174

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.



80.4530, 0.2955, 0.3117



80.4530, 0.3340, 0.3403



80.4530, 0.2938, 0.3261

Square

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



80.4530, 0.3340, 0.3403



80.4530, 0.3108, 0.3440



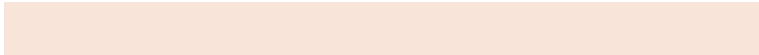
80.4530, 0.2919, 0.3172



80.4530, 0.3144, 0.3146

Rectangle

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



80.4530, 0.3340, 0.3403



80.4530, 0.3248, 0.3479



80.4530, 0.2919, 0.3172



80.4530, 0.3005, 0.3106

Sweetspot

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



80.4566, 0.3340, 0.3403



95.2441, 0.3191, 0.3325



75.6858, 0.3215, 0.3087



20.1989, 0.3203, 0.3332



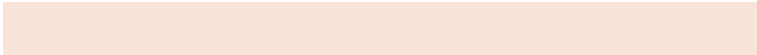
0.0000, 0.0000, 0.0000



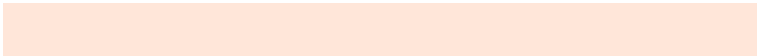
21.4041, 0.3127, 0.3290

Same Dimension

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



80.4566, 0.3340, 0.3403



83.0667, 0.3389, 0.3427



89.2391, 0.3320, 0.3554



18.2379, 0.3285, 0.3375



14.8284, 0.5819, 0.3762



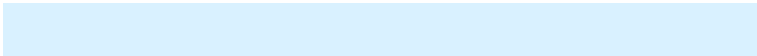
1.5655, 0.5591, 0.3942

Inverse Universe

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



82.0386, 0.2933, 0.3174



85.0584, 0.2893, 0.3149



73.5694, 0.2929, 0.3011



18.5063, 0.2980, 0.3203



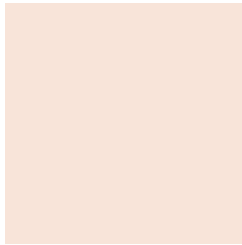
17.4376, 0.1910, 0.2077



1.8151, 0.1955, 0.2238

Previews

White Background



This preview shows how the Yxy color 80.4530, 0.3340, 0.3403 looks on a white background.

Color Contrast Check

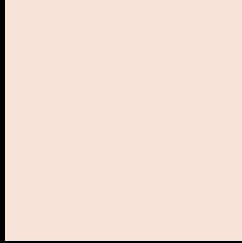
Large Text (above 18pt) WCAG AA × Fail

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 80.4530, 0.3340, 0.3403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

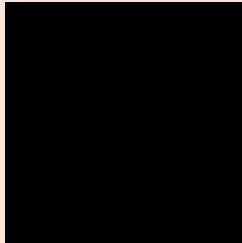
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

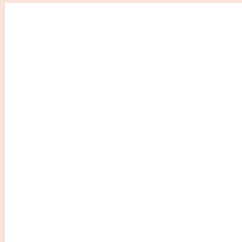
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.4530, 0.3340, 0.3403

Background



This preview shows how black text looks on a background with the Yxy color 80.4530, 0.3340, 0.3403.

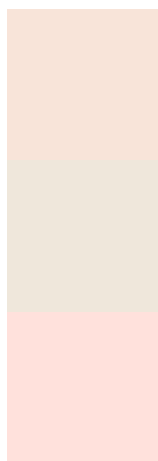


This preview shows how white text looks on a background with the Yxy color 80.4530, 0.3340, 0.3403.

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

80.4530, 0.3340, 0.3403

Protanopia

80.6170, 0.3260, 0.3415

Deuteranopia

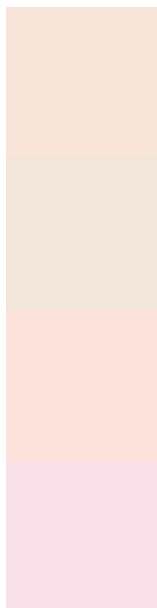
80.2777, 0.3374, 0.3341



Tritanopia

80.2313, 0.3198, 0.3112

Trichromacy



Original Color

80.4530, 0.3340, 0.3403

Protanomaly

80.5328, 0.3288, 0.3414

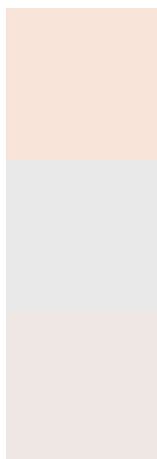
Deuteranomaly

80.2026, 0.3358, 0.3361

Tritanomaly

80.0576, 0.3250, 0.3210

Monochromacy



Original Color

80.4530, 0.3340, 0.3403

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

80.8750, 0.3201, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.4530, 0.3340, 0.3403 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(248, 228, 217)` looks like.

```
.text, #text, p{  
    color:rgb(248, 228, 217)  
}
```

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(248, 228, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 228, 217) }
```

Border

The CSS property to change the border of an element to Yxy 80.4530, 0.3340, 0.3403 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(248, 228, 217) }
```

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

```
.border{ border-color:rgb(248, 228, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 228, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 228, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 228, 217);  
box-shadow:4px 4px 4px 4px rgb(248, 228,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 80.4530, 0.3340, 0.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 228, 217) }
```

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

```
.background{ background-color: rgb(248,  
228, 217) }
```

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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