

Converting Colors

$Y_{xy}(80.7758, 0.3424, 0.3529)$

Have a look what the booklet for
Yxy(80.7758, 0.3424, 0.3529)
contains.

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Color

Yxy(80.6346, 0.3421, 0.3526)

Conversions

Conversions Part 1

Format	Color
Hex	F9E5CE
RGB	249, 229, 206
RGB Percent	98%, 90%, 81%
CMY	0.0234, 0.1020, 0.1922
CMYK	0.00, 0.08, 0.17, 0.02
HSL	32°, 78%, 89%
HSV	32°, 17%, 98%
XYZ	78.2334, 80.6346, 69.8178
YIQ	232.3580, 19.3030, -2.9130

Conversions

Conversions Part 2

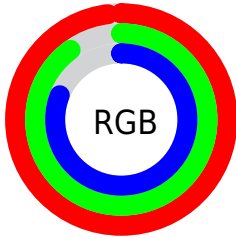
Format	Color
R _Y B	243, 249, 206
Decimal	16377294
CIE Lab	91.97, 3.20, 13.69
CIE LCh	92, 14.059, 76.837
Yxy	80.6346, 0.3421, 0.3526
Android (android.graphics.Color)	4294567374 (0xFFFF9E5CE)
YUV	232.3580, -12.9945, 14.5950
Hunter-Lab	89.7968, -1.6303, 16.7593

Details

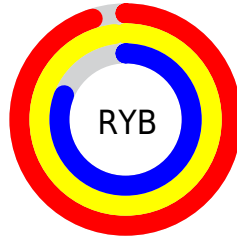
The Yxy color **80.6346, 0.3421, 0.3526** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.3612, 0.2854, 0.3042**, and the grayscale version is **81.0705, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.7456, 0.3481, 0.3580** is the 20% darker color. If you saturate the color by 10%, you get **73.3215, 0.3622, 0.3670**, and if you desaturate by 10%, it is **88.5749, 0.3243, 0.3387**.

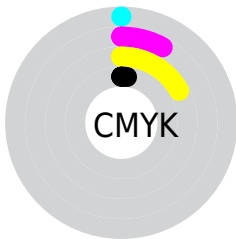
Distribution



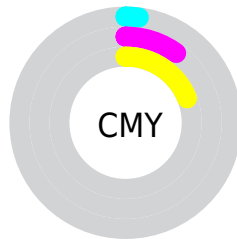
- Red (98%)
- Green (90%)
- Blue (81%)



- Red (95%)
- Yellow (98%)
- Blue (81%)



- Cyan (0%)
- Magenta (8%)
- Yellow (17%)
- Black (2%)




- Cyan (2%)
- Magenta (10%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.6346, 0.3421, 0.3526 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 80.6346, 0.3421, 0.3526 by changing the saturation by 10% instead.

 80.6346, 0.3421,
0.3526

 80.6346, 0.3421,
0.3526


497.0689, 0.3287,
0.3420

 60.2407, 0.3451,
0.3550


134.2576, 0.3375,
0.3490

 43.6127, 0.3488,
0.3578


168.2555, 0.3357,
0.3475

 30.3661, 0.3534,
0.3614


207.5568, 0.3341,
0.3463

 20.1167, 0.3594,
0.3660

252.5459, 0.3328,
0.3452

 12.4799, 0.3674,
0.3721

303.6073, 0.3316,
0.3443

 7.0714, 0.3787,
0.3805

361.1254, 0.3305,

 3.5068, 0.3957,

0.3434

0.3928

425.4844, 0.3296,
0.3427

■ 1.4017, 0.4330,
0.4211

■ 0.2180, 0.5669,
0.4331

■ 80.6346, 0.3421,
0.3526

■ 80.6346, 0.3421,
0.3526

■ 73.3215, 0.3622,
0.3670

■ 88.5749, 0.3243,
0.3387

■ 66.6074, 0.3845,
0.3815

■ 97.0973, 0.3091,
0.3263

■ 60.4776, 0.4088,
0.3954

■ 98.8861, 0.3090,
0.3290

■ 54.9128, 0.4347,
0.4076

■ 49.8919, 0.4610,
0.4170

■ 45.3922, 0.4864,
0.4223

■ 41.3880, 0.5093,
0.4224

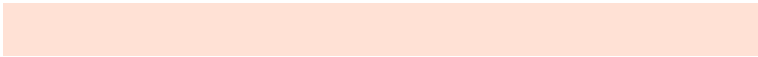
■ 37.8488, 0.5283,
0.4169

■ 36.9598, 0.5331,
0.4149

Harmonies

Analogous

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



80.6346, 0.3450, 0.3414



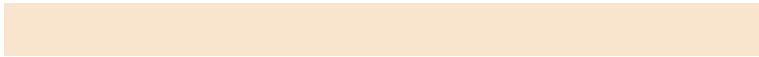
80.6346, 0.3421, 0.3526



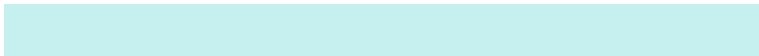
80.6346, 0.3312, 0.3578

Triad

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



80.6346, 0.3421, 0.3526



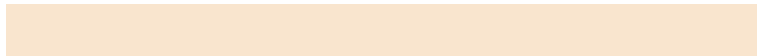
80.6346, 0.2870, 0.3298



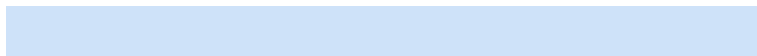
80.6346, 0.3092, 0.3048

Complementary

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



80.6346, 0.3421, 0.3526



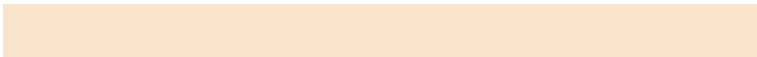
74.3612, 0.2854, 0.3042

Split Complementary

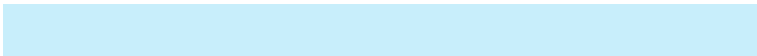
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.6346, 0.2940, 0.3014



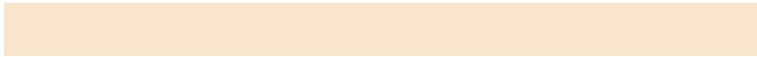
80.6346, 0.3421, 0.3526



80.6346, 0.2815, 0.3153

Square

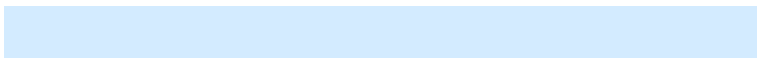
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.6346, 0.3421, 0.3526



80.6346, 0.2994, 0.3445



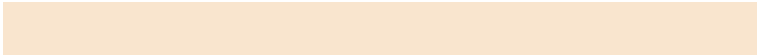
80.6346, 0.2840, 0.3051



80.6346, 0.3258, 0.3142

Rectangle

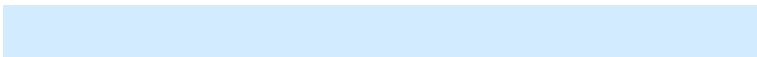
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.6346, 0.3421, 0.3526



80.6346, 0.3210, 0.3568



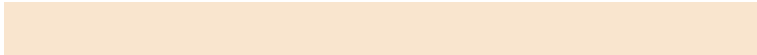
80.6346, 0.2840, 0.3051



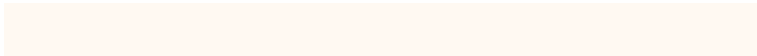
80.6346, 0.3038, 0.3029

Sweetspot

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



80.6382, 0.3421, 0.3526



95.4783, 0.3206, 0.3356



69.7727, 0.3311, 0.3085



20.3032, 0.3217, 0.3365



0.0000, 0.0000, 0.0000



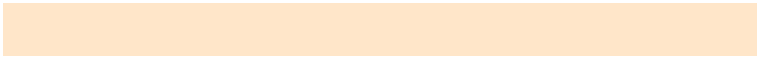
21.4041, 0.3127, 0.3290

Same Dimension

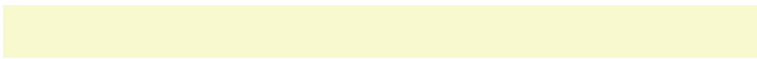
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.6382, 0.3421, 0.3526



82.1361, 0.3493, 0.3580



92.1111, 0.3378, 0.3722



18.7621, 0.3281, 0.3417



20.0654, 0.5308, 0.4168



2.0707, 0.5138, 0.4302

Inverse Universe

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



74.3612, 0.2854, 0.3042



74.2945, 0.2792, 0.2982



64.2984, 0.2852, 0.2821



17.9746, 0.2980, 0.3160



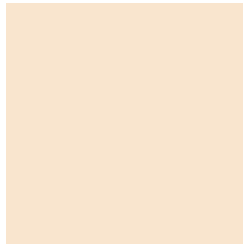
10.6103, 0.1739, 0.1462



1.1926, 0.1802, 0.1686

Previews

White Background



This preview shows how the Yxy color 80.6346, 0.3421, 0.3526 looks on a white background.

Color Contrast Check

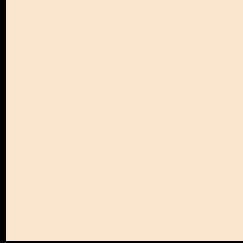
Large Text (above 18pt) WCAG AA × Fail

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 80.6346, 0.3421, 0.3526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

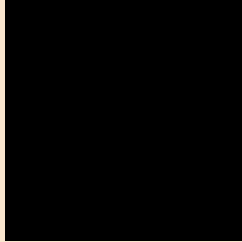
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

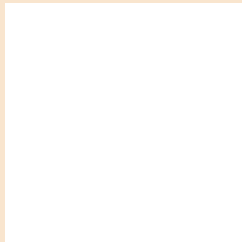
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.6346, 0.3421, 0.3526

Background



This preview shows how black text looks on a background with the Yxy color 80.6346, 0.3421, 0.3526.

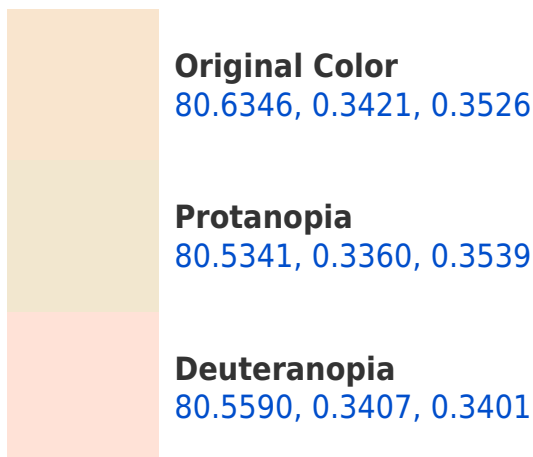


This preview shows how white text looks on a background with the Yxy color 80.6346, 0.3421, 0.3526.

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

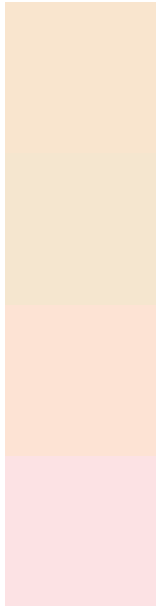




Tritanopia

80.7330, 0.3226, 0.3123

Trichromacy



Original Color

80.6346, 0.3421, 0.3526

Protanomaly

80.5111, 0.3383, 0.3528

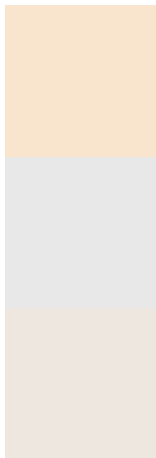
Deuteranomaly

80.5743, 0.3412, 0.3442

Tritanomaly

80.6896, 0.3297, 0.3270

Monochromacy



Original Color

80.6346, 0.3421, 0.3526

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.6567, 0.3227, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.6346, 0.3421, 0.3526 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(249, 229, 206)` looks like.

```
.text, #text, p{  
    color:rgb(249, 229, 206)  
}
```

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(249, 229, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 229, 206) }
```

Border

The CSS property to change the border of an element to Yxy 80.6346, 0.3421, 0.3526 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(249, 229, 206) }
```

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

```
.border{ border-color:rgb(249, 229, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 229, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 229, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 229, 206);  
box-shadow:4px 4px 4px 4px rgb(249, 229,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 80.6346, 0.3421, 0.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 229, 206) }
```

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

```
.background{ background-color: rgb(249,  
229, 206) }
```

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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