

Converting Colors

$Yxy(89.8013, 0.3820, 0.3548)$

Have a look what the booklet for
Yxy(89.8013, 0.3820, 0.3548)
contains.

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Color

Yxy(80.9169, 0.3507, 0.3574)

Conversions

Conversions Part 1

Format	Color
Hex	FFE4C8
RGB	255, 228, 200
RGB Percent	100%, 89%, 78%
CMY	0.0001, 0.1058, 0.2156
CMYK	0.00, 0.11, 0.22, 0.00
HSL	31°, 100%, 89%
HSV	31°, 22%, 100%
XYZ	79.4000, 80.9169, 66.0874
YIQ	232.8810, 25.0800, -2.9840

Conversions

Conversions Part 2

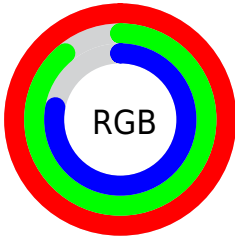
Format	Color
R _Y B	253, 255, 200
Decimal	16770248
CIE Lab	92.09, 4.98, 17.03
CIE LCh	92, 17.746, 73.714
Yxy	80.9169, 0.3507, 0.3574
Android (android.graphics.Color)	4294960328 (0xFFFFE4C8)
YUV	232.8810, -16.2103, 19.3984
Hunter-Lab	89.9538, 0.1383, 19.4084

Details

The Yxy color **80.9169, 0.3507, 0.3574** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **74.4177, 0.2784, 0.2988**, and the grayscale version is **81.5016, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.9682, 0.3595, 0.3640** is the 20% darker color. If you saturate the color by 10%, you get **73.1926, 0.3721, 0.3713**, and if you desaturate by 10%, it is **89.3449, 0.3317, 0.3438**.

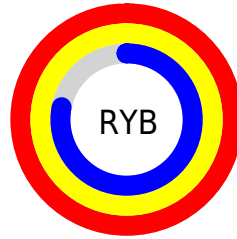
Distribution



Red (100%)

Green (89%)

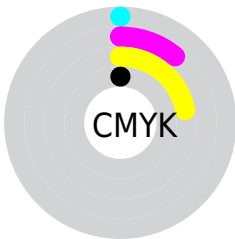
Blue (78%)



Red (99%)

Yellow (100%)

Blue (78%)

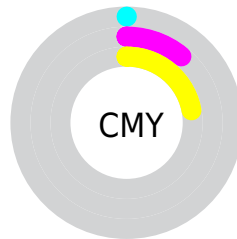


Cyan (0%)

Magenta (11%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (11%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.9169, 0.3507, 0.3574 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 80.9169, 0.3507, 0.3574 by changing the saturation by 10% instead.


 80.9169, 0.3507,
0.3574

 80.9169, 0.3507,
0.3574


498.0175, 0.3334,
0.3447

 60.4732, 0.3546,
0.3602

134.6541, 0.3447,
0.3531

 43.8001, 0.3593,
0.3636


168.7163, 0.3424,
0.3514

 30.5134, 0.3653,
0.3678


208.0868, 0.3404,
0.3499

 20.2286, 0.3730,
0.3731

253.1500, 0.3386,
0.3486

 12.5613, 0.3833,
0.3801

304.2903, 0.3371,
0.3475

 7.1272, 0.3976,
0.3896

361.8920, 0.3357,

 3.5418, 0.4188,

0.3464

0.4029

426.3396, 0.3345,
0.3455

■ 1.4207, 0.4745,
0.4424

■ 0.2319, 0.5959,
0.4041

■ 80.9169, 0.3507,
0.3574

■ 80.9169, 0.3507,
0.3574

■ 73.1926, 0.3721,
0.3713

■ 89.3449, 0.3317,
0.3438

■ 66.1406, 0.3959,
0.3850

■ 98.4850, 0.3151,
0.3309

■ 59.7433, 0.4218,
0.3977

■ 99.9930, 0.3127,
0.3290

■ 53.9777, 0.4490,
0.4083

■ 48.8189, 0.4764,
0.4156

■ 44.2399, 0.5022,
0.4181

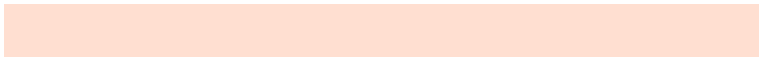
■ 40.2097, 0.5247,
0.4152

■ 37.1990, 0.5407,
0.4088

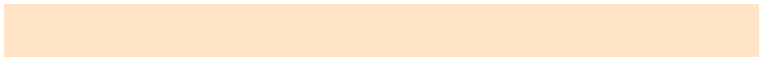
Harmonies

Analogous

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



80.9169, 0.3533, 0.3426



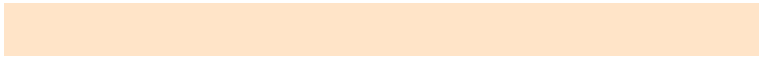
80.9169, 0.3507, 0.3574



80.9169, 0.3377, 0.3651

Triad

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



80.9169, 0.3507, 0.3574



80.9169, 0.2817, 0.3319



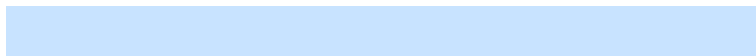
80.9169, 0.3061, 0.2979

Complementary

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



80.9169, 0.3507, 0.3574



74.4177, 0.2784, 0.2988

Split Complementary

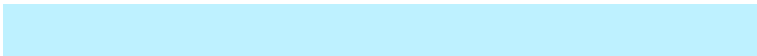
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.9169, 0.2875, 0.2944



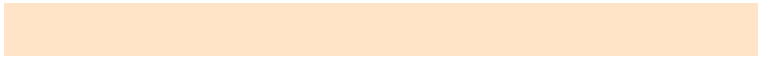
80.9169, 0.3507, 0.3574



80.9169, 0.2738, 0.3133

Square

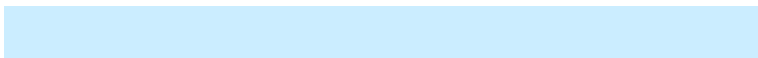
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.9169, 0.3507, 0.3574



80.9169, 0.2978, 0.3504



80.9169, 0.2759, 0.2998



80.9169, 0.3270, 0.3089

Rectangle

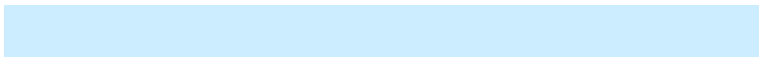
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.9169, 0.3507, 0.3574



80.9169, 0.3252, 0.3648



80.9169, 0.2759, 0.2998



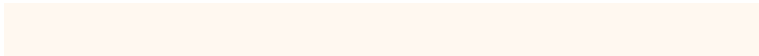
80.9169, 0.2994, 0.2958

Sweetspot

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



80.9206, 0.3507, 0.3574



94.3592, 0.3222, 0.3366



68.1432, 0.3353, 0.3013



20.0687, 0.3233, 0.3374



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.



80.9206, 0.3507, 0.3574



77.4222, 0.3599, 0.3636



96.9203, 0.3454, 0.3830



19.5175, 0.3281, 0.3411



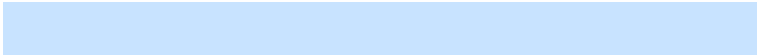
19.7434, 0.5382, 0.4108



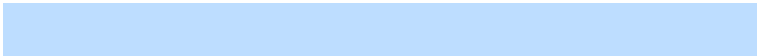
2.1411, 0.5210, 0.4245

Inverse Universe

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



74.4177, 0.2784, 0.2988



69.8264, 0.2710, 0.2917



60.8166, 0.2762, 0.2687



18.8487, 0.2979, 0.3166



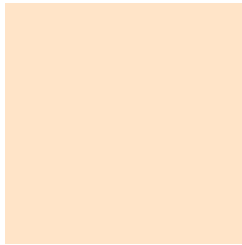
11.7408, 0.1762, 0.1542



1.3611, 0.1820, 0.1750

Previews

White Background



This preview shows how the Yxy color 80.9169, 0.3507, 0.3574 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 80.9169, 0.3507, 0.3574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

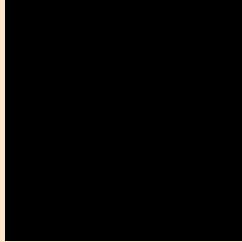
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.9169, 0.3507, 0.3574

Background



This preview shows how black text looks on a background with the Yxy color 80.9169, 0.3507, 0.3574.

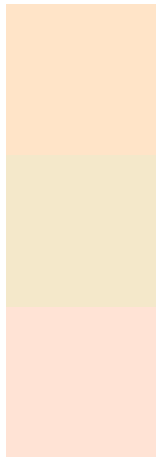


This preview shows how white text looks on a background with the Yxy color 80.9169, 0.3507, 0.3574.

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

80.9169, 0.3507, 0.3574

Protanopia

81.2106, 0.3406, 0.3601

Deuteranopia

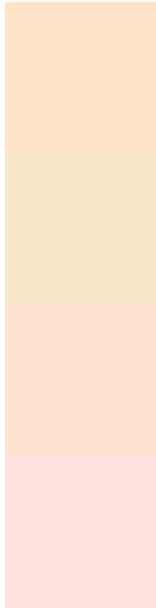
81.0023, 0.3420, 0.3432



Tritanopia

80.7444, 0.3253, 0.3152

Trichromacy



Original Color

80.9169, 0.3507, 0.3574

Protanomaly

81.3253, 0.3444, 0.3598

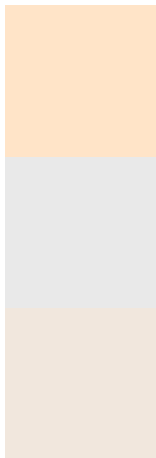
Deuteranomaly

80.7522, 0.3454, 0.3482

Tritanomaly

80.4922, 0.3347, 0.3301

Monochromacy



Original Color

80.9169, 0.3507, 0.3574

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.0731, 0.3261, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.9169, 0.3507, 0.3574 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, 228, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 228, 200)  
}
```

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, 228, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 228, 200) }
```

Border

The CSS property to change the border of an element to Yxy 80.9169, 0.3507, 0.3574 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, 228, 200) }
```

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

```
.border{ border-color:rgb(255, 228, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 228, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 228, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 228, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 228,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 80.9169, 0.3507, 0.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 228, 200) }
```

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

```
.background{ background-color: rgb(255,  
228, 200) }
```

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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