

Converting Colors

$Yxy(80.6616, 0.3429, 0.3479)$

Have a look what the booklet for
Yxy(80.6616, 0.3429, 0.3479)
contains.

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Color

Yxy(80.9729, 0.3431, 0.3483)

Conversions

Conversions Part 1

Format	Color
Hex	FDE4D1
RGB	253, 228, 209
RGB Percent	99%, 89%, 82%
CMY	0.0078, 0.1059, 0.1804
CMYK	0.00, 0.10, 0.17, 0.01
HSL	26°, 92%, 91%
HSV	26°, 17%, 99%
XYZ	79.7640, 80.9729, 71.7434
YIQ	233.3090, 20.9990, -0.6090

Conversions

Conversions Part 2

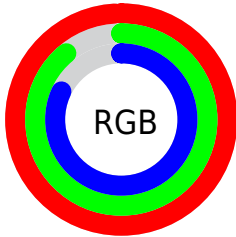
Format	Color
R _Y B	253, 242, 209
Decimal	16639185
CIE Lab	92.12, 5.59, 12.38
CIE LCh	92, 13.581, 65.704
Yxy	80.9729, 0.3431, 0.3483
Android (android.graphics.Color)	4294829265 (0xFFFDE4D1)
YUV	233.3090, -11.9843, 17.2690
Hunter-Lab	89.9849, 0.7514, 15.7186

Details

The Yxy color $80.9729, 0.3431, 0.3483$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $79.5006, 0.2854, 0.3089$, and the grayscale version is $81.8139, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $43.9895, 0.3495, 0.3524$ is the 20% darker color. If you saturate the color by 10%, you get $72.2360, 0.3643, 0.3601$, and if you desaturate by 10%, it is $90.5740, 0.3247, 0.3370$.

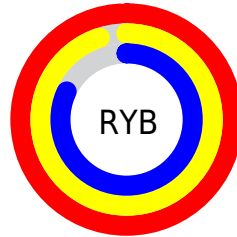
Distribution



Red (99%)

Green (89%)

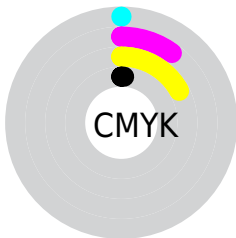
Blue (82%)



Red (99%)

Yellow (95%)

Blue (82%)

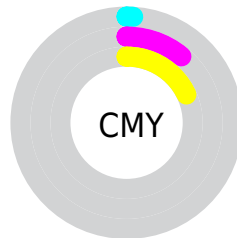


Cyan (0%)

Magenta (10%)

Yellow (17%)

Black (1%)



Cyan (1%)


Magenta (11%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.9729, 0.3431, 0.3483 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 80.9729, 0.3431, 0.3483 by changing the saturation by 10% instead.

 80.9729, 0.3431,
0.3483

 80.9729, 0.3431,
0.3483

498.2056, 0.3292,
0.3397

 60.5193, 0.3462,
0.3502

134.7327, 0.3383,
0.3454

 43.8373, 0.3501,
0.3525


168.8077, 0.3365,
0.3442

 30.5426, 0.3549,
0.3554


208.1919, 0.3348,
0.3432

 20.2508, 0.3611,
0.3590

253.2698, 0.3334,
0.3423

 12.5775, 0.3695,
0.3638

304.4257, 0.3322,
0.3415

 7.1383, 0.3813,
0.3704

362.0440, 0.3311,

 3.5487, 0.3991,

0.3409

0.3798

426.5092, 0.3301,
0.3402

■ 1.4245, 0.4342,
0.3990

■ 0.2347, 0.6050,
0.3950

■ 80.9729, 0.3431,
0.3483

■ 80.9729, 0.3431,
0.3483

■ 72.2360, 0.3643,
0.3601

■ 90.5740, 0.3247,
0.3370

■ 64.3273, 0.3886,
0.3720

99.6259, 0.3115,
0.3290

■ 57.2235, 0.4158,
0.3833

■ 50.8964, 0.4454,
0.3931

■ 45.3158, 0.4764,
0.4001

■ 40.4488, 0.5071,
0.4030

■ 36.2592, 0.5351,
0.4008

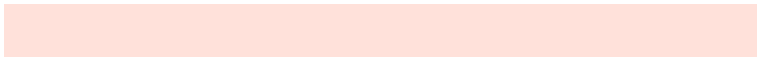
■ 32.7045, 0.5583,
0.3930

■ 31.8727, 0.5638,
0.3906

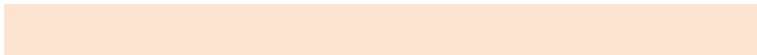
Harmonies

Analogous

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



80.9729, 0.3427, 0.3361



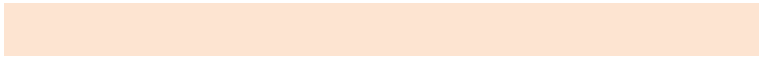
80.9729, 0.3431, 0.3483



80.9729, 0.3352, 0.3557

Triad

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



80.9729, 0.3431, 0.3483



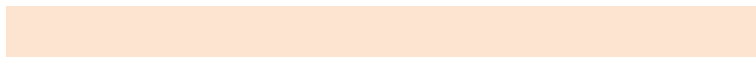
80.9729, 0.2917, 0.3353



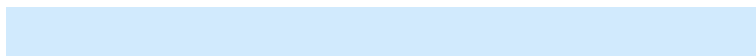
80.9729, 0.3036, 0.3036

Complementary

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



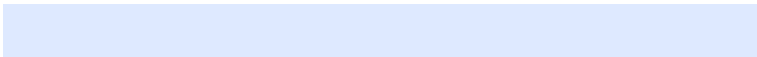
80.9729, 0.3431, 0.3483



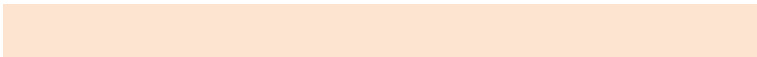
79.5006, 0.2854, 0.3089

Split Complementary

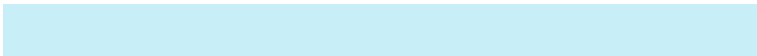
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.9729, 0.2904, 0.3029



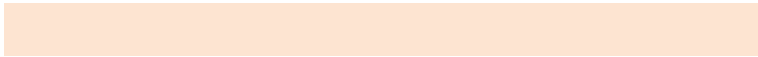
80.9729, 0.3431, 0.3483



80.9729, 0.2837, 0.3207

Square

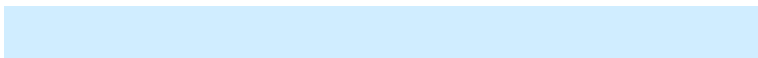
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.9729, 0.3431, 0.3483



80.9729, 0.3054, 0.3484



80.9729, 0.2832, 0.3089



80.9729, 0.3195, 0.3108

Rectangle

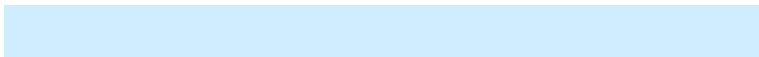
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.9729, 0.3431, 0.3483



80.9729, 0.3264, 0.3568



80.9729, 0.2832, 0.3089



80.9729, 0.2987, 0.3026

Sweetspot

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



80.9765, 0.3431, 0.3483



94.6697, 0.3207, 0.3343



72.4645, 0.3275, 0.3033



20.1068, 0.3218, 0.3351



0.0000, 0.0000, 0.0000



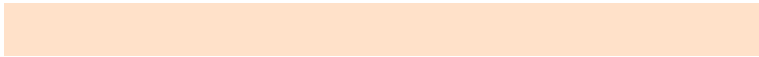
21.4041, 0.3127, 0.3290

Same Dimension

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



80.9765, 0.3431, 0.3483



79.1156, 0.3504, 0.3525



93.4565, 0.3396, 0.3690



19.2768, 0.3283, 0.3393



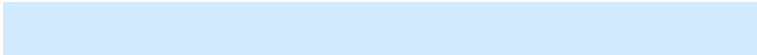
17.2291, 0.5610, 0.3928



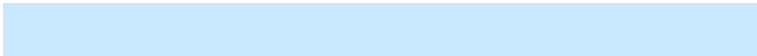
1.8896, 0.5410, 0.4086

Inverse Universe

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



79.5006, 0.2854, 0.3089



77.3465, 0.2796, 0.3043



68.0678, 0.2842, 0.2856



19.0913, 0.2979, 0.3185



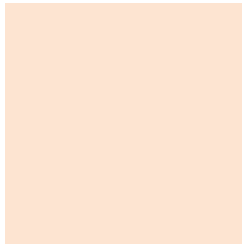
14.6426, 0.1836, 0.1808



1.6429, 0.1887, 0.1992

Previews

White Background



This preview shows how the Yxy color 80.9729, 0.3431, 0.3483 looks on a white background.

Color Contrast Check

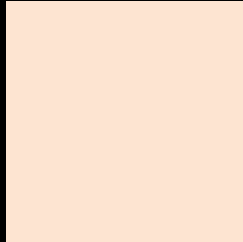
Large Text (above 18pt) WCAG AA × Fail

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 80.9729, 0.3431, 0.3483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

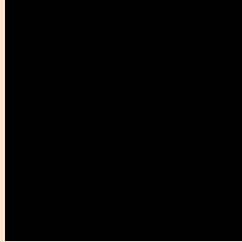
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.9729, 0.3431, 0.3483

Background



This preview shows how black text looks on a background with the Yxy color 80.9729, 0.3431, 0.3483.

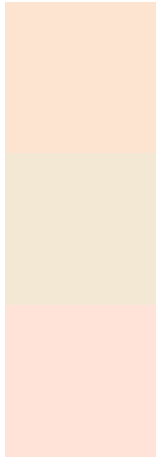


This preview shows how white text looks on a background with the Yxy color 80.9729, 0.3431, 0.3483.

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

80.9729, 0.3431, 0.3483

Protanopia

81.2936, 0.3332, 0.3507

Deuteranopia

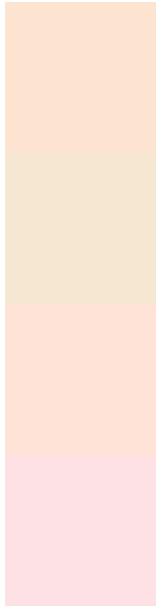
81.2079, 0.3392, 0.3391



Tritanopia

80.8626, 0.3240, 0.3133

Trichromacy



Original Color

80.9729, 0.3431, 0.3483

Protanomaly

81.3978, 0.3369, 0.3506

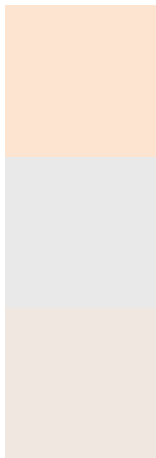
Deuteranomaly

80.8640, 0.3405, 0.3422

Tritanomaly

80.5784, 0.3306, 0.3251

Monochromacy



Original Color

80.9729, 0.3431, 0.3483

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.0589, 0.3234, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.9729, 0.3431, 0.3483 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(253, 228, 209)` looks like.

```
.text, #text, p{  
    color:rgb(253, 228, 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(253, 228, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 228, 209) }
```

Border

The CSS property to change the border of an element to Yxy 80.9729, 0.3431, 0.3483 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(253, 228, 209) }
```

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

```
.border{ border-color:rgb(253, 228, 209) }
```

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

Here you see how a box with a 4 pixel rgb(253, 228, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 228, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 228, 209);  
box-shadow:4px 4px 4px 4px rgb(253, 228,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 80.9729, 0.3431, 0.3483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 228, 209) }
```

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

```
.background{ background-color: rgb(253,  
228, 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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