

Converting Colors

$Y_{xy}(86.7922, 0.3826, 0.3456)$

Have a look what the booklet for
Yxy(86.7922, 0.3826, 0.3456)
contains.

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Color

Yxy(77.2847, 0.3500, 0.3474)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDCB
RGB	255, 221, 203
RGB Percent	100%, 87%, 80%
CMY	0.0002, 0.1332, 0.2039
CMYK	0.00, 0.13, 0.20, 0.00
HSL	21°, 100%, 90%
HSV	21°, 20%, 100%
XYZ	77.8631, 77.2847, 67.3182
YIQ	229.1140, 26.0420, 1.6100

Conversions

Conversions Part 2

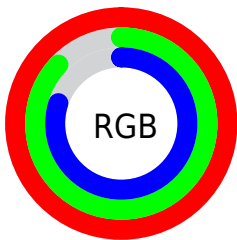
Format	Color
R _Y B	255, 231, 203
Decimal	16768459
CIE Lab	90.45, 9.00, 13.16
CIE LCh	90, 15.940, 55.636
Yxy	77.2847, 0.3500, 0.3474
Android (android.graphics.Color)	4294958539 (0xFFFFDDCB)
YUV	229.1140, -12.8742, 22.7020
Hunter-Lab	87.9117, 4.2513, 16.1370

Details

The Yxy color $77.2847, 0.3500, 0.3474$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $80.4464, 0.2809, 0.3098$, and the grayscale version is $78.5242, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $41.4481, 0.3589, 0.3513$ is the 20% darker color. If you saturate the color by 10%, you get $67.8076, 0.3733, 0.3570$, and if you desaturate by 10%, it is $87.8410, 0.3301, 0.3381$.

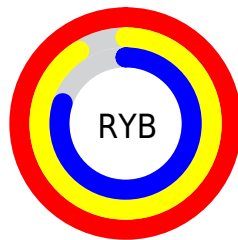
Distribution



Red (100%)

Green (87%)

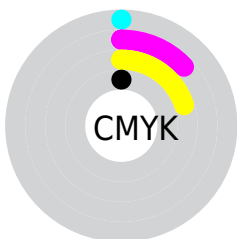
Blue (80%)



Red (100%)

Yellow (91%)

Blue (80%)

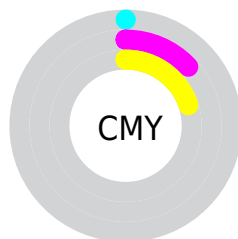


Cyan (0%)

Magenta (13%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.2847, 0.3500, 0.3474 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 77.2847, 0.3500, 0.3474 by changing the saturation by 10% instead.


 77.2847, 0.3500,
0.3474

 77.2847, 0.3500,
0.3474


485.7342, 0.3328,
0.3392

 57.4866, 0.3539,
0.3492


129.5413, 0.3440,
0.3446

 41.3960, 0.3587,
0.3513


162.7685, 0.3417,
0.3435

 28.6287, 0.3648,
0.3540


201.2409, 0.3397,
0.3426

 18.8001, 0.3727,
0.3574

245.3429, 0.3380,
0.3417

 11.5259, 0.3834,
0.3618

295.4588, 0.3365,
0.3410

 6.4217, 0.3987,
0.3677

351.9731, 0.3351,

 3.1032, 0.4221,

0.3403

0.3757

415.2700, 0.3339,
0.3398

■ 1.1858, 0.4812,
0.4032

■ 0.0501, 0.8421,
0.1579

■ 77.2847, 0.3500,
0.3474

■ 77.2847, 0.3500,
0.3474

■ 67.8076, 0.3733,
0.3570

■ 87.8410, 0.3301,
0.3381

■ 59.3641, 0.4002,
0.3666

99.4993, 0.3133,
0.3293

■ 51.9207, 0.4309,
0.3754

99.9907, 0.3127,
0.3290

■ 45.4381, 0.4646,
0.3824

■ 39.8737, 0.4998,
0.3865

■ 35.1817, 0.5341,
0.3863

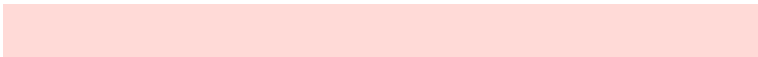
■ 31.3109, 0.5644,
0.3809

■ 28.2994, 0.5876,
0.3716

Harmonies

Analogous

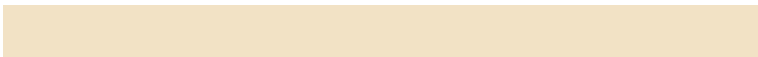
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.2847, 0.3460, 0.3319



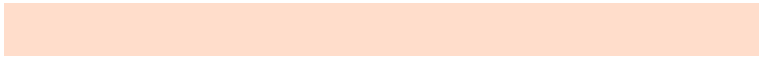
77.2847, 0.3500, 0.3474



77.2847, 0.3437, 0.3587

Triad

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



77.2847, 0.3500, 0.3474



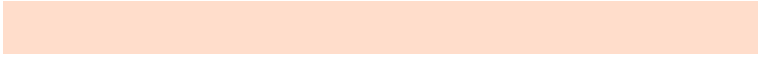
77.2847, 0.2926, 0.3422



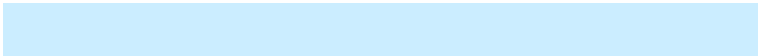
77.2847, 0.2959, 0.2977

Complementary

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



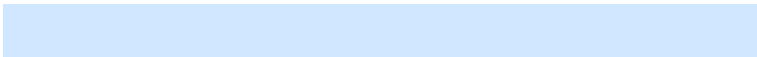
77.2847, 0.3500, 0.3474



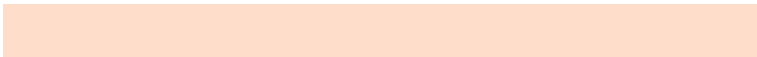
80.4464, 0.2809, 0.3098

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.



77.2847, 0.2823, 0.2994



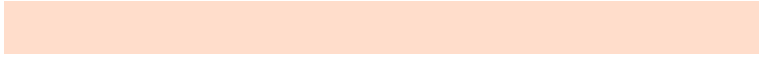
77.2847, 0.3500, 0.3474



77.2847, 0.2805, 0.3247

Square

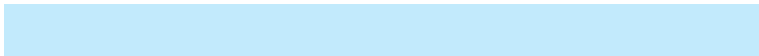
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.2847, 0.3500, 0.3474



77.2847, 0.3103, 0.3562



77.2847, 0.2768, 0.3090



77.2847, 0.3143, 0.3038

Rectangle

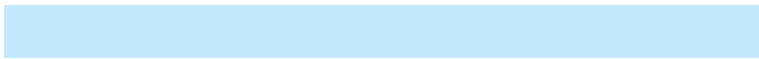
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.2847, 0.3500, 0.3474



77.2847, 0.3346, 0.3621



77.2847, 0.2768, 0.3090



77.2847, 0.2906, 0.2974

Sweetspot

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



77.2882, 0.3500, 0.3474



92.8421, 0.3224, 0.3342



70.1187, 0.3274, 0.2945



19.7105, 0.3235, 0.3348



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.



77.2882, 0.3500, 0.3474



73.7597, 0.3580, 0.3509



91.6535, 0.3451, 0.3719



19.0172, 0.3286, 0.3373



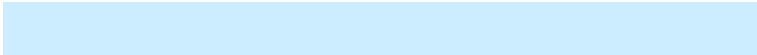
15.0437, 0.5846, 0.3740



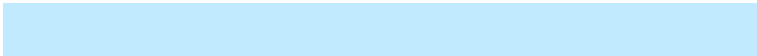
1.6596, 0.5628, 0.3913

Inverse Universe

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



80.4464, 0.2809, 0.3098



77.3805, 0.2753, 0.3060



66.8349, 0.2791, 0.2821



19.3586, 0.2980, 0.3206



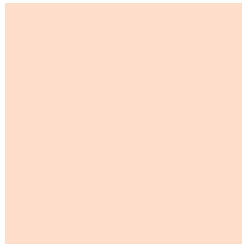
18.4200, 0.1920, 0.2110



1.9979, 0.1961, 0.2260

Previews

White Background



This preview shows how the Yxy color 77.2847, 0.3500, 0.3474 looks on a white background.

Color Contrast Check

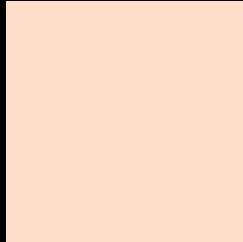
Large Text (above 18pt) WCAG AA × Fail

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 77.2847, 0.3500, 0.3474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

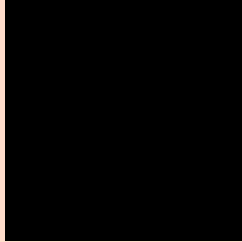
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.2847, 0.3500, 0.3474

Background



This preview shows how black text looks on a background with the Yxy color 77.2847, 0.3500, 0.3474.

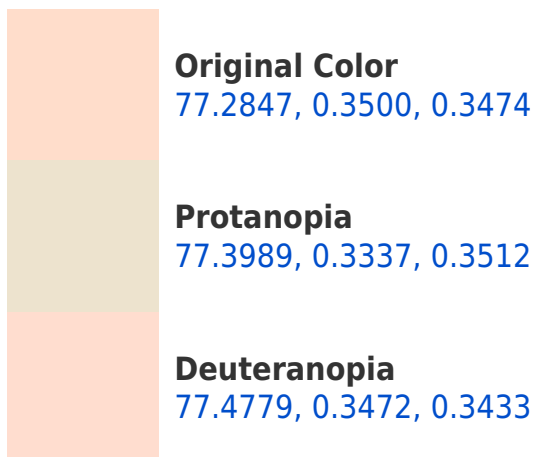


This preview shows how white text looks on a background with the Yxy color 77.2847, 0.3500, 0.3474.

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

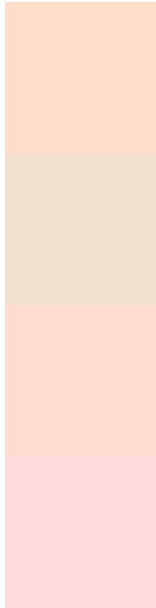




Tritanopia

77.2860, 0.3293, 0.3141

Trichromacy



Original Color

77.2847, 0.3500, 0.3474

Protanomaly

77.4913, 0.3398, 0.3499

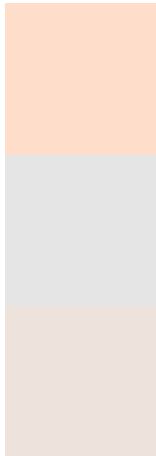
Deuteranomaly

77.4291, 0.3479, 0.3443

Tritanomaly

77.1970, 0.3369, 0.3261

Monochromacy



Original Color

77.2847, 0.3500, 0.3474

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.7372, 0.3251, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.2847, 0.3500, 0.3474 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, 221, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 203)  
}
```

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, 221, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 203) }
```

Border

The CSS property to change the border of an element to Yxy 77.2847, 0.3500, 0.3474 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, 221, 203) }
```

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

```
.border{ border-color:rgb(255, 221, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
203) }
```


Background

The CSS property to change the background color of an element to $Yxy\ 77.2847, 0.3500, 0.3474$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 203) }
```

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

```
.background{ background-color: rgb(255,  
221, 203) }
```

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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