

Converting Colors

$Y_{xy}(77.0870, 0.3509, 0.3569)$

Have a look what the booklet for
Yxy(77.0870, 0.3509, 0.3569)
contains.

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Color

Yxy(77.0849, 0.3509, 0.3569)

Conversions

Conversions Part 1

Format	Color
Hex	FADFC4
RGB	250, 223, 196
RGB Percent	98%, 87%, 77%
CMY	0.0194, 0.1255, 0.2314
CMYK	0.00, 0.11, 0.22, 0.02
HSL	30°, 85%, 87%
HSV	30°, 22%, 98%
XYZ	75.7890, 77.0849, 63.1107
YIQ	227.9950, 24.7590, -2.6730

Conversions

Conversions Part 2

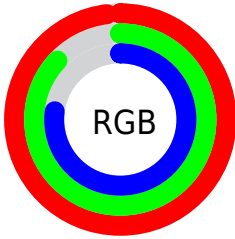
Format	Color
R _Y B	250, 250, 196
Decimal	16441284
CIE Lab	90.36, 5.20, 16.63
CIE LCh	90, 17.421, 72.628
Yxy	77.0849, 0.3509, 0.3569
Android (android.graphics.Color)	4294631364 (0xFFFADFC4)
YUV	227.9950, -15.7735, 19.2984
Hunter-Lab	87.7980, 0.4383, 18.8399

Details

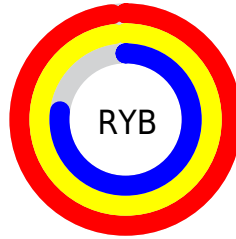
The Yxy color **77.0849, 0.3509, 0.3569** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.4514, 0.2784, 0.2994**, and the grayscale version is **77.6891, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **41.2957, 0.3599, 0.3636** is the 20% darker color. If you saturate the color by 10%, you get **69.5986, 0.3724, 0.3705**, and if you desaturate by 10%, it is **85.2626, 0.3319, 0.3436**.

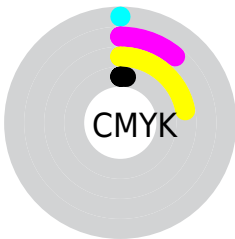
Distribution



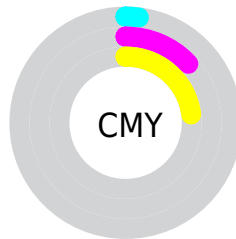
- Red (98%)
- Green (87%)
- Blue (77%)



- Red (98%)
- Yellow (98%)
- Blue (77%)



- Cyan (0%)
- Magenta (11%)
- Yellow (22%)
- Black (2%)





- Cyan (2%)
- Magenta (13%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.0849, 0.3509, 0.3569 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 77.0849, 0.3509, 0.3569 by changing the saturation by 10% instead.


 77.0849, 0.3509,
0.3569

 77.0849, 0.3509,
0.3569


485.0534, 0.3333,
0.3443

 57.3226, 0.3549,
0.3597

129.2593, 0.3448,
0.3526

 41.2643, 0.3598,
0.3631


162.4402, 0.3425,
0.3509

 28.5256, 0.3659,
0.3673


200.8627, 0.3404,
0.3494

 18.7223, 0.3739,
0.3727

244.9112, 0.3386,
0.3482

 11.4698, 0.3847,
0.3798

294.9702, 0.3371,
0.3470

 6.3837, 0.3998,
0.3895

351.4239, 0.3357,

 3.0798, 0.4226,

0.3460

0.4032

414.6569, 0.3344,
0.3451

1.1735, 0.5031,
0.4628

0.0399, 0.8051,
0.1949

77.0849, 0.3509,
0.3569

77.0849, 0.3509,
0.3569

69.5986, 0.3724,
0.3705

85.2626, 0.3319,
0.3436

62.7733, 0.3965,
0.3840

94.1404, 0.3152,
0.3310

56.5912, 0.4226,
0.3964

99.0730, 0.3097,
0.3290

51.0299, 0.4502,
0.4068

■ 46.0647, 0.4780,
0.4138

■ 41.6692, 0.5044,
0.4161

■ 37.8129, 0.5274,
0.4130

■ 34.9624, 0.5437,
0.4065

Harmonies

Analogous

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



77.0849, 0.3530, 0.3420



77.0849, 0.3509, 0.3569



77.0849, 0.3383, 0.3649

Triad

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



77.0849, 0.3509, 0.3569



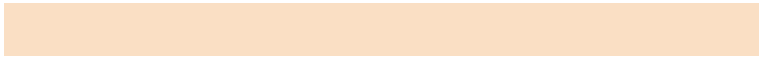
77.0849, 0.2822, 0.3326



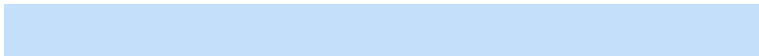
77.0849, 0.3054, 0.2977

Complementary

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



77.0849, 0.3509, 0.3569



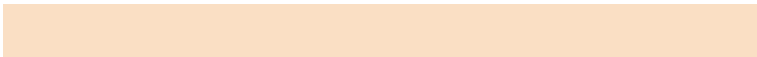
71.4514, 0.2784, 0.2994

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.



77.0849, 0.2870, 0.2946



77.0849, 0.3509, 0.3569



77.0849, 0.2740, 0.3139

Square

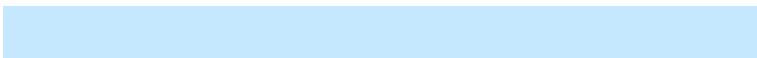
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.0849, 0.3509, 0.3569



77.0849, 0.2986, 0.3509



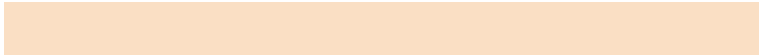
77.0849, 0.2757, 0.3002



77.0849, 0.3263, 0.3085

Rectangle

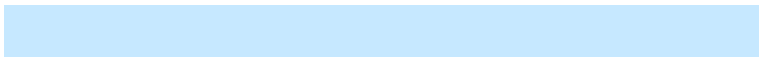
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.0849, 0.3509, 0.3569



77.0849, 0.3259, 0.3648



77.0849, 0.2757, 0.3002



77.0849, 0.2987, 0.2957

Sweetspot

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



77.0884, 0.3509, 0.3569



94.2627, 0.3222, 0.3364



65.1929, 0.3346, 0.3004



20.0459, 0.3233, 0.3372



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.



77.0884, 0.3509, 0.3569



77.0595, 0.3601, 0.3629



92.1618, 0.3456, 0.3822



18.6571, 0.3281, 0.3409



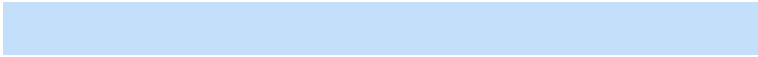
18.8248, 0.5411, 0.4085



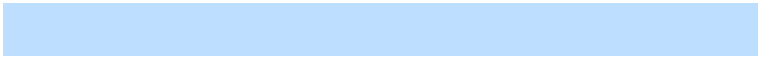
1.9555, 0.5227, 0.4232

Inverse Universe

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



71.4514, 0.2784, 0.2994



70.1879, 0.2711, 0.2925



58.5312, 0.2762, 0.2696



18.0791, 0.2980, 0.3168



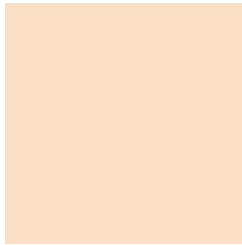
11.7524, 0.1772, 0.1578



1.3005, 0.1832, 0.1793

Previews

White Background



This preview shows how the Yxy color 77.0849, 0.3509, 0.3569 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 77.0849, 0.3509, 0.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

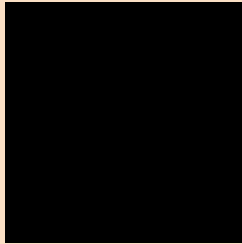
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.0849, 0.3509, 0.3569

Background



This preview shows how black text looks on a background with the Yxy color 77.0849, 0.3509, 0.3569.

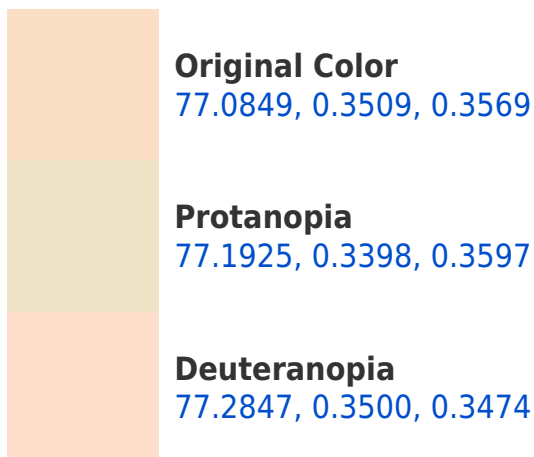


This preview shows how white text looks on a background with the Yxy color 77.0849, 0.3509, 0.3569.

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

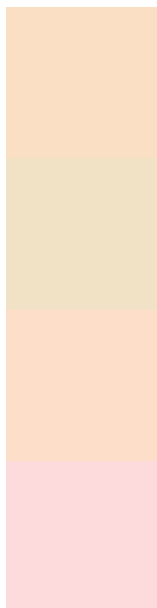




Tritanopia

76.8262, 0.3287, 0.3121

Trichromacy



Original Color

77.0849, 0.3509, 0.3569

Protanomaly

77.3012, 0.3436, 0.3595

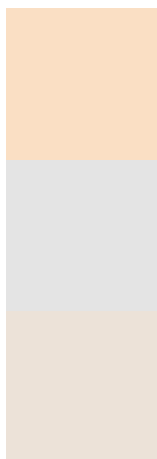
Deuteranomaly

77.2953, 0.3505, 0.3516

Tritanomaly

76.7130, 0.3368, 0.3281

Monochromacy



Original Color

77.0849, 0.3509, 0.3569

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.1834, 0.3263, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.0849, 0.3509, 0.3569 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(250, 223, 196)` looks like.

```
.text, #text, p{  
    color:rgb(250, 223, 196)  
}
```

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(250, 223, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 223, 196) }
```

Border

The CSS property to change the border of an element to Yxy 77.0849, 0.3509, 0.3569 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(250, 223, 196) }
```

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

```
.border{ border-color:rgb(250, 223, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 223, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 223, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 223, 196); box-shadow:4px 4px 4px 4px rgb(250, 223, 196) }
```


Background

The CSS property to change the background color of an element to Yxy 77.0849, 0.3509, 0.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 223, 196) }
```

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

```
.background{ background-color: rgb(250,  
223, 196) }
```

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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