

Converting Colors

$Y_{xy}(76.4242, 0.3485, 0.3540)$

Have a look what the booklet for
Yxy(76.4242, 0.3485, 0.3540)
contains.

Yxy(76.4595, 0.3489, 0.3539)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(76.4595, 0.3489, 0.3539)

Conversions

Conversions Part 1

Format	Color
Hex	F9DEC6
RGB	249, 222, 198
RGB Percent	98%, 87%, 78%
CMY	0.0236, 0.1294, 0.2235
CMYK	0.00, 0.11, 0.20, 0.02
HSL	28°, 81%, 88%
HSV	28°, 20%, 98%
XYZ	75.3793, 76.4595, 64.2096
YIQ	227.3370, 23.7960, -1.7400

Conversions

Conversions Part 2

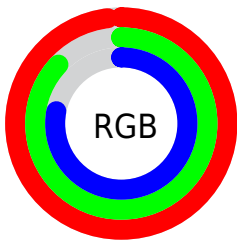
Format	Color
RYB	249, 243, 198
Decimal	16375494
CIELab	90.07, 5.61, 15.17
CIELCh	90, 16.170, 69.709
Yxy	76.4595, 0.3489, 0.3539
Android (android.graphics.Color)	4294565574 (0xFFFF9DEC6)
YUV	227.3370, -14.4631, 18.9985
Hunter-Lab	87.4411, 0.8553, 17.6711

Details

The Yxy color **76.4595, 0.3489, 0.3539** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.6868, 0.2803, 0.3027**, and the grayscale version is **77.1699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8575, 0.3574, 0.3597** is the 20% darker color. If you saturate the color by 10%, you get **68.6784, 0.3705, 0.3668**, and if you desaturate by 10%, it is **84.9834, 0.3299, 0.3414**.

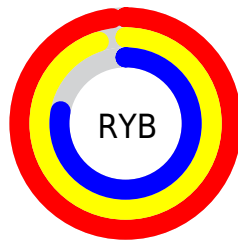
Distribution



Red (98%)

Green (87%)

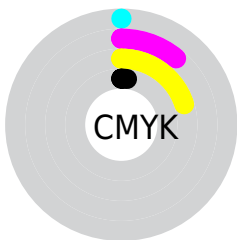
Blue (78%)



Red (98%)

Yellow (95%)

Blue (78%)

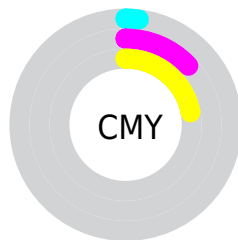


Cyan (0%)

Magenta (11%)

Yellow (20%)

Black (2%)



Cyan (2%)

Magenta (13%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.4595, 0.3489, 0.3539 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 76.4595, 0.3489, 0.3539 by changing the saturation by 10% instead.

 76.4595, 0.3489,
0.3539

 76.4595, 0.3489,
0.3539


482.9192, 0.3322,
0.3427

 56.8094, 0.3527,
0.3564

128.3762, 0.3431,
0.3501

 40.8522, 0.3574,
0.3594

161.4116, 0.3409,
0.3486

 28.2036, 0.3632,
0.3632


199.6776, 0.3389,
0.3472

 18.4792, 0.3709,
0.3681

243.5584, 0.3373,
0.3461

 11.2946, 0.3812,
0.3744

293.4386, 0.3358,
0.3451

 6.2653, 0.3959,
0.3832

349.7026, 0.3345,

 3.0071, 0.4182,

0.3442

0.3956

412.7346, 0.3333,
0.3434

■ 1.1354, 0.4921,
0.4473

■ 0.0080, 0.9475,
0.0525

■ 76.4595, 0.3489,
0.3539

■ 76.4595, 0.3489,
0.3539

■ 68.6784, 0.3705,
0.3668

■ 84.9834, 0.3299,
0.3414

■ 61.6081, 0.3949,
0.3796

■ 94.2604, 0.3135,
0.3296

■ 55.2291, 0.4217,
0.3915

■ 98.8787, 0.3090,
0.3290

■ 49.5172, 0.4503,
0.4015

■ 44.4462, 0.4795,
0.4083

■ 39.9874, 0.5075,
0.4106

■ 36.1089, 0.5324,
0.4075

■ 32.9154, 0.5521,
0.3998

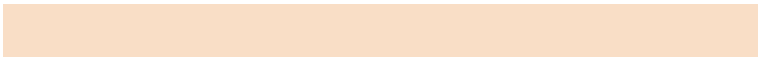
Harmonies

Analogous

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



76.4595, 0.3498, 0.3396



76.4595, 0.3489, 0.3539



76.4595, 0.3380, 0.3621

Triad

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



76.4595, 0.3489, 0.3539



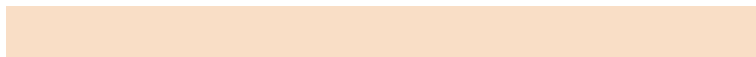
76.4595, 0.2855, 0.3341



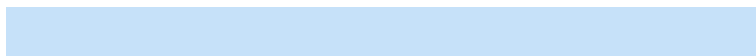
76.4595, 0.3040, 0.2991

Complementary

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



76.4595, 0.3489, 0.3539



72.6868, 0.2803, 0.3027

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.



76.4595, 0.2874, 0.2970



76.4595, 0.3489, 0.3539



76.4595, 0.2770, 0.3166

Square

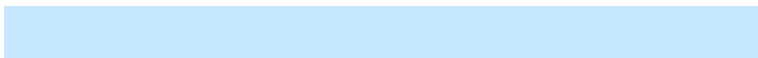
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.4595, 0.3489, 0.3539



76.4595, 0.3013, 0.3508



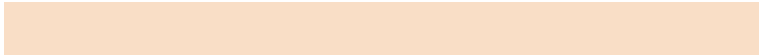
76.4595, 0.2777, 0.3031



76.4595, 0.3235, 0.3086

Rectangle

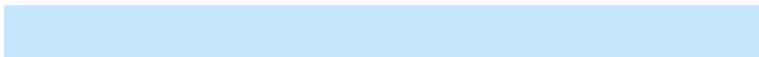
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.4595, 0.3489, 0.3539



76.4595, 0.3268, 0.3626



76.4595, 0.2777, 0.3031



76.4595, 0.2979, 0.2976

Sweetspot

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



76.4629, 0.3489, 0.3539



93.9960, 0.3223, 0.3360



65.9733, 0.3326, 0.3011



19.9829, 0.3234, 0.3368



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.



76.4629, 0.3489, 0.3539



76.8855, 0.3584, 0.3597



90.9175, 0.3440, 0.3786



18.5728, 0.3282, 0.3402



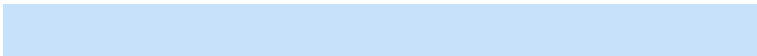
17.8994, 0.5495, 0.4019



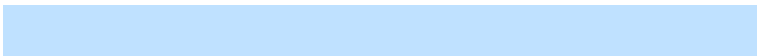
1.8681, 0.5299, 0.4174

Inverse Universe

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



72.6868, 0.2803, 0.3027



72.1711, 0.2729, 0.2961



60.0139, 0.2784, 0.2741



18.1637, 0.2980, 0.3175



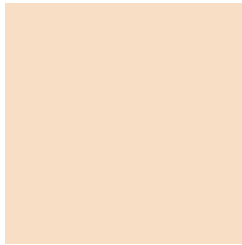
12.7478, 0.1798, 0.1674



1.3930, 0.1856, 0.1881

Previews

White Background



This preview shows how the Yxy color 76.4595, 0.3489, 0.3539 looks on a white background.

Color Contrast Check

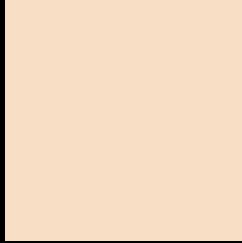
Large Text (above 18pt) WCAG AA × Fail

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 76.4595, 0.3489, 0.3539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

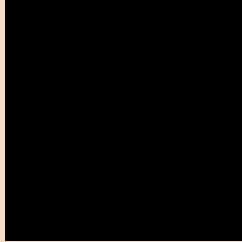
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.4595, 0.3489, 0.3539

Background



This preview shows how black text looks on a background with the Yxy color 76.4595, 0.3489, 0.3539.



This preview shows how white text looks on a background with the Yxy color 76.4595, 0.3489, 0.3539.

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

76.4595, 0.3489, 0.3539

Protanopia

76.5674, 0.3379, 0.3566

Deuteranopia

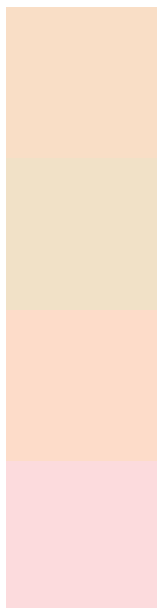
76.1873, 0.3512, 0.3464



Tritanopia

76.4489, 0.3272, 0.3120

Trichromacy



Original Color

76.4595, 0.3489, 0.3539

Protanomaly

76.6747, 0.3417, 0.3564

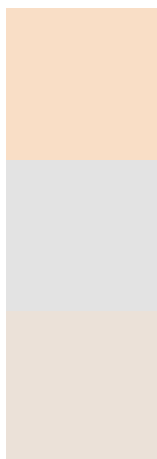
Deuteranomaly

76.2861, 0.3502, 0.3485

Tritanomaly

76.5789, 0.3354, 0.3270

Monochromacy



Original Color

76.4595, 0.3489, 0.3539

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.4705, 0.3257, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.4595, 0.3489, 0.3539 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, 222, 198)` looks like.

```
.text, #text, p{  
    color:rgb(249, 222, 198)  
}
```

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, 222, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 222, 198) }
```

Border

The CSS property to change the border of an element to Yxy 76.4595, 0.3489, 0.3539 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, 222, 198) }
```

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

```
.border{ border-color:rgb(249, 222, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 222, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 222, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 222, 198);  
box-shadow:4px 4px 4px 4px rgb(249, 222,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 76.4595, 0.3489, 0.3539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 222, 198) }
```

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

```
.background{ background-color: rgb(249,  
222, 198) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor