

Converting Colors

$Yxy(76.0989, 0.3494, 0.3486)$

Have a look what the booklet for
Yxy(76.0989, 0.3494, 0.3486)
contains.

Yxy(76.0989, 0.3494, 0.3486)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(76.0989, 0.3494, 0.3486)

Conversions

Conversions Part 1

Format	Color
Hex	FCDCC9
RGB	252, 220, 201
RGB Percent	99%, 86%, 79%
CMY	0.0119, 0.1372, 0.2118
CMYK	0.00, 0.13, 0.20, 0.01
HSL	22°, 89%, 89%
HSV	22°, 20%, 99%
XYZ	76.2735, 76.0989, 65.9262
YIQ	227.4020, 25.1710, 0.8750

Conversions

Conversions Part 2

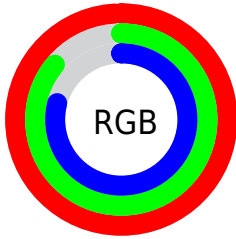
Format	Color
R _Y B	252, 231, 201
Decimal	16571593
CIE Lab	89.91, 8.15, 13.40
CIE LCh	90, 15.681, 58.685
Yxy	76.0989, 0.3494, 0.3486
Android (android.graphics.Color)	4294761673 (0xFFFCDC9)
YUV	227.4020, -13.0162, 21.5724
Hunter-Lab	87.2347, 3.4106, 16.2568

Details

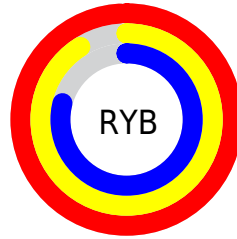
The Yxy color **76.0989, 0.3494, 0.3486** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.6990, 0.2811, 0.3085**, and the grayscale version is **77.2070, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6190, 0.3581, 0.3528** is the 20% darker color. If you saturate the color by 10%, you get **67.1068, 0.3723, 0.3589**, and if you desaturate by 10%, it is **86.0761, 0.3298, 0.3386**.

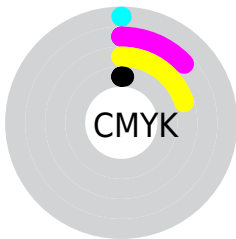
Distribution



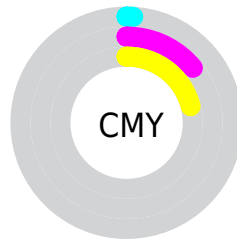
- Red (99%)
- Green (86%)
- Blue (79%)



- Red (99%)
- Yellow (91%)
- Blue (79%)



- Cyan (0%)
- Magenta (13%)
- Yellow (20%)
- Black (1%)





- Cyan (1%)
- Magenta (14%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.0989, 0.3494, 0.3486 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 76.0989, 0.3494, 0.3486 by changing the saturation by 10% instead.

 76.0989, 0.3494,
0.3486

 76.0989, 0.3494,
0.3486


481.6862, 0.3324,
0.3398

 56.5136, 0.3533,
0.3505

127.8667, 0.3435,
0.3456

 40.6149, 0.3580,
0.3529


160.8180, 0.3412,
0.3444

 28.0183, 0.3641,
0.3558


198.9934, 0.3393,
0.3434

 18.3394, 0.3719,
0.3595

242.7774, 0.3376,
0.3425

 11.1940, 0.3826,
0.3643

292.5542, 0.3360,
0.3417

 6.1974, 0.3978,
0.3708

348.7084, 0.3347,

 2.9655, 0.4211,

0.3410

0.3799

411.6242, 0.3335,
0.3404

■ 1.1138, 0.4882,
0.4158

■ 0.0000, 1.0000,
0.0000

■ 76.0989, 0.3494,
0.3486

■ 76.0989, 0.3494,
0.3486

■ 67.1068, 0.3723,
0.3589

■ 86.0761, 0.3298,
0.3386

■ 59.0583, 0.3986,
0.3692

■ 97.0577, 0.3131,
0.3292

■ 51.9241, 0.4283,
0.3787

■ 99.4307, 0.3108,
0.3290

■ 45.6693, 0.4609,
0.3864

■ 40.2563, 0.4948,
0.3911

■ 35.6445, 0.5279,
0.3914

■ 31.7885, 0.5572,
0.3866

■ 28.6952, 0.5804,
0.3773

Harmonies

Analogous

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



76.0989, 0.3465, 0.3335



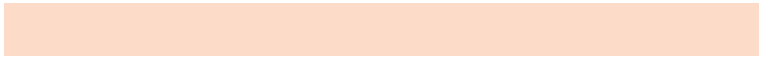
76.0989, 0.3494, 0.3486



76.0989, 0.3422, 0.3591

Triad

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



76.0989, 0.3494, 0.3486



76.0989, 0.2913, 0.3403



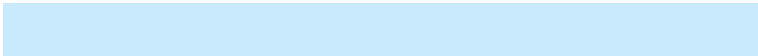
76.0989, 0.2978, 0.2983

Complementary

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



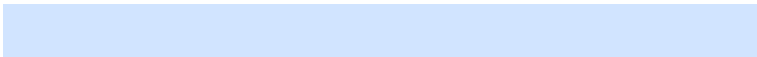
76.0989, 0.3494, 0.3486



77.6990, 0.2811, 0.3085

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.



76.0989, 0.2837, 0.2992



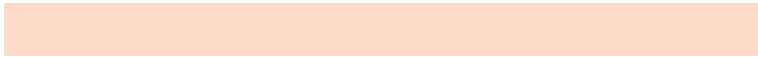
76.0989, 0.3494, 0.3486



76.0989, 0.2801, 0.3230

Square

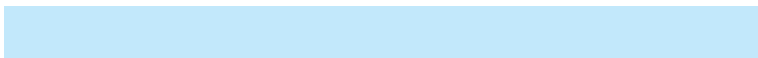
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0989, 0.3494, 0.3486



76.0989, 0.3084, 0.3548



76.0989, 0.2773, 0.3080



76.0989, 0.3163, 0.3051

Rectangle

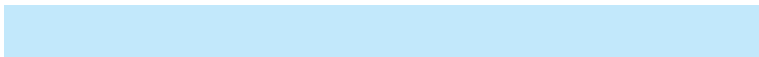
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.0989, 0.3494, 0.3486



76.0989, 0.3327, 0.3619



76.0989, 0.2773, 0.3080



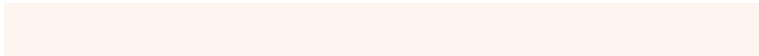
76.0989, 0.2924, 0.2977

Sweetspot

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



76.1023, 0.3494, 0.3486



93.0851, 0.3224, 0.3346



68.3637, 0.3285, 0.2964



19.7678, 0.3235, 0.3352



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.



76.1023, 0.3494, 0.3486



74.5811, 0.3577, 0.3525



90.3202, 0.3446, 0.3732



18.2859, 0.3285, 0.3379



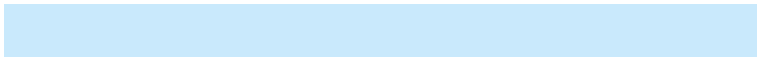
15.2100, 0.5774, 0.3797



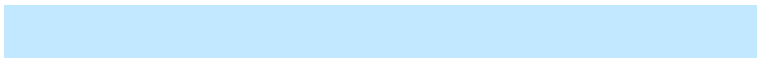
1.6045, 0.5550, 0.3976

Inverse Universe

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



77.6990, 0.2811, 0.3085



76.4720, 0.2751, 0.3042



64.4571, 0.2793, 0.2806



18.4566, 0.2980, 0.3199



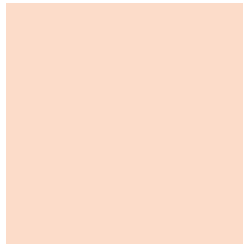
16.6907, 0.1894, 0.2018



1.7491, 0.1941, 0.2186

Previews

White Background



This preview shows how the Yxy color 76.0989, 0.3494, 0.3486 looks on a white background.

Color Contrast Check

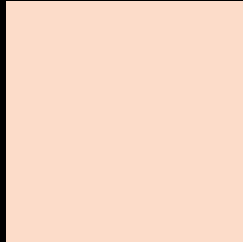
Large Text (above 18pt) WCAG AA × Fail

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 76.0989, 0.3494, 0.3486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

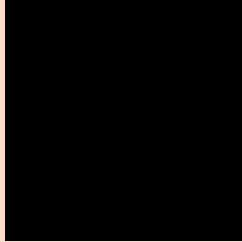
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.0989, 0.3494, 0.3486

Background



This preview shows how black text looks on a background with the Yxy color 76.0989, 0.3494, 0.3486.

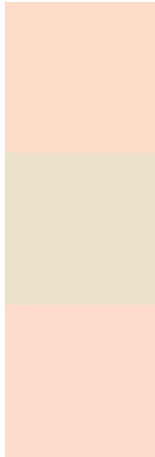


This preview shows how white text looks on a background with the Yxy color 76.0989, 0.3494, 0.3486.

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

76.0989, 0.3494, 0.3486

Protanopia

76.5852, 0.3344, 0.3524

Deuteranopia

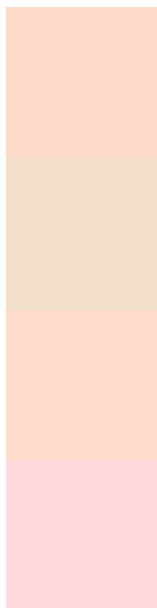
76.2348, 0.3504, 0.3454



Tritanopia

76.1979, 0.3302, 0.3131

Trichromacy



Original Color

76.0989, 0.3494, 0.3486

Protanomaly

76.5004, 0.3398, 0.3511

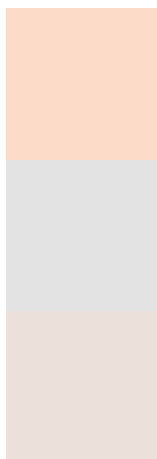
Deuteranomaly

75.9981, 0.3504, 0.3465

Tritanomaly

75.9170, 0.3371, 0.3250

Monochromacy



Original Color

76.0989, 0.3494, 0.3486

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.2061, 0.3252, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0989, 0.3494, 0.3486 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(252, 220, 201)` looks like.

```
.text, #text, p{  
    color:rgb(252, 220, 201)  
}
```

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(252, 220, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 220, 201) }
```

Border

The CSS property to change the border of an element to Yxy 76.0989, 0.3494, 0.3486 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(252, 220, 201) }
```

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

```
.border{ border-color:rgb(252, 220, 201) }
```

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

Here you see how a box with a 4 pixel rgb(252, 220, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 220, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 220, 201);  
box-shadow:4px 4px 4px 4px rgb(252, 220,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0989, 0.3494, 0.3486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 220, 201) }
```

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

```
.background{ background-color: rgb(252,  
220, 201) }
```

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