

Converting Colors

$Yxy(77.9441, 0.3493, 0.3547)$

Have a look what the booklet for
Yxy(77.9441, 0.3493, 0.3547)
contains.

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Color

Yxy(77.9441, 0.3493, 0.3547)

Conversions

Conversions Part 1

Format	Color
Hex	FBE0C7
RGB	251, 224, 199
RGB Percent	98%, 88%, 78%
CMY	0.0156, 0.1216, 0.2195
CMYK	0.00, 0.11, 0.21, 0.02
HSL	29°, 87%, 88%
HSV	29°, 21%, 98%
XYZ	76.7575, 77.9441, 65.0450
YIQ	229.2230, 24.1170, -2.0510

Conversions

Conversions Part 2

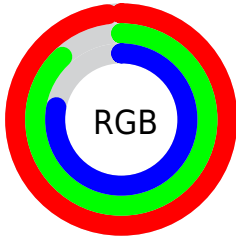
Format	Color
R _Y B	251, 247, 199
Decimal	16507079
CIE Lab	90.75, 5.47, 15.62
CIE LCh	91, 16.549, 70.695
Yxy	77.9441, 0.3493, 0.3547
Android (android.graphics.Color)	4294697159 (0xFFFBE0C7)
YUV	229.2230, -14.8999, 19.0984
Hunter-Lab	88.2860, 0.6908, 18.1181

Details

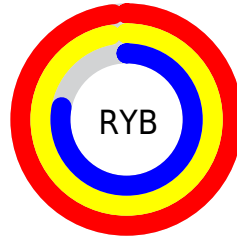
The Yxy color **77.9441, 0.3493, 0.3547** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.5354, 0.2799, 0.3019**, and the grayscale version is **78.6311, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.8896, 0.3578, 0.3607** is the 20% darker color. If you saturate the color by 10%, you get **70.1290, 0.3709, 0.3678**, and if you desaturate by 10%, it is **86.4968, 0.3303, 0.3419**.

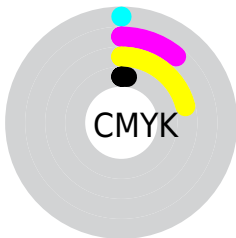
Distribution



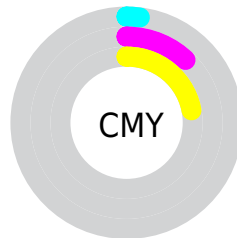
- Red (98%)
- Green (88%)
- Blue (78%)



- Red (98%)
- Yellow (97%)
- Blue (78%)



- Cyan (0%)
- Magenta (11%)
- Yellow (21%)
- Black (2%)




- Cyan (2%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.9441, 0.3493, 0.3547 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 77.9441, 0.3493, 0.3547 by changing the saturation by 10% instead.


 77.9441, 0.3493,
0.3547

 77.9441, 0.3493,
0.3547


487.9770, 0.3325,
0.3431

 58.0281, 0.3531,
0.3573

130.4713, 0.3435,
0.3508

 41.8312, 0.3578,
0.3604


163.8513, 0.3412,
0.3492

 28.9691, 0.3637,
0.3642


202.4880, 0.3393,
0.3479

 19.0575, 0.3713,
0.3692

246.7659, 0.3376,
0.3467

 11.7118, 0.3816,
0.3757

297.0694, 0.3361,
0.3456

 6.5478, 0.3961,
0.3845

353.7827, 0.3347,

 3.1809, 0.4179,

0.3447

0.3971

417.2905, 0.3336,
0.3439

1.2269, 0.4835,
0.4427

0.0835, 0.7183,
0.2817

77.9441, 0.3493,
0.3547

77.9441, 0.3493,
0.3547

70.1290, 0.3709,
0.3678

86.4968, 0.3303,
0.3419

63.0197, 0.3951,
0.3809

95.7971, 0.3138,
0.3298

56.5969, 0.4217,
0.3930

99.2544, 0.3103,
0.3290

50.8366, 0.4499,
0.4031

■ 45.7128, 0.4787,
0.4100

■ 41.1971, 0.5062,
0.4124

■ 37.2576, 0.5305,
0.4093

■ 34.0774, 0.5494,
0.4020

Harmonies

Analogous

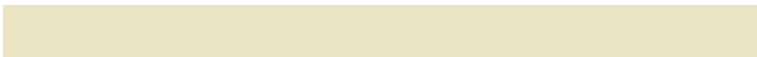
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.9441, 0.3506, 0.3403



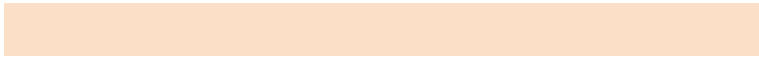
77.9441, 0.3493, 0.3547



77.9441, 0.3379, 0.3628

Triad

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



77.9441, 0.3493, 0.3547



77.9441, 0.2846, 0.3336



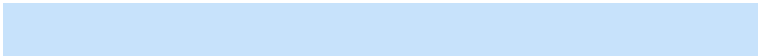
77.9441, 0.3045, 0.2989

Complementary

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



77.9441, 0.3493, 0.3547



73.5354, 0.2799, 0.3019

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.



77.9441, 0.2874, 0.2964



77.9441, 0.3493, 0.3547



77.9441, 0.2763, 0.3158

Square

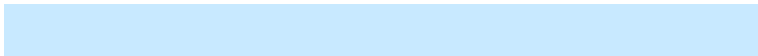
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.9441, 0.3493, 0.3547



77.9441, 0.3005, 0.3507



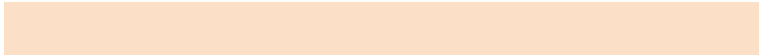
77.9441, 0.2773, 0.3024



77.9441, 0.3243, 0.3087

Rectangle

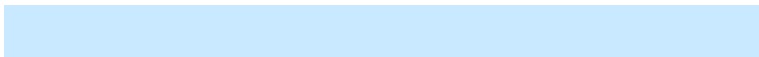
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.9441, 0.3493, 0.3547



77.9441, 0.3264, 0.3631



77.9441, 0.2773, 0.3024



77.9441, 0.2983, 0.2972

Sweetspot

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



77.9476, 0.3493, 0.3547



94.0836, 0.3223, 0.3361



66.9047, 0.3329, 0.3007



20.0036, 0.3234, 0.3369



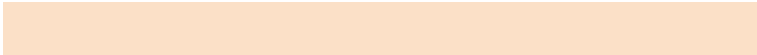
0.0000, 0.0000, 0.0000



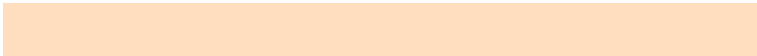
21.4041, 0.3127, 0.3290

Same Dimension

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



77.9476, 0.3493, 0.3547



77.2016, 0.3583, 0.3603



92.5727, 0.3444, 0.3792



18.6005, 0.3282, 0.3404



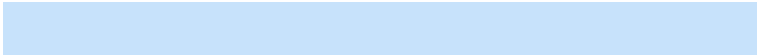
18.1962, 0.5467, 0.4041



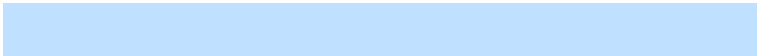
1.8963, 0.5275, 0.4193

Inverse Universe

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



73.5354, 0.2799, 0.3019



71.8492, 0.2729, 0.2954



60.7720, 0.2780, 0.2733



18.1358, 0.2980, 0.3173



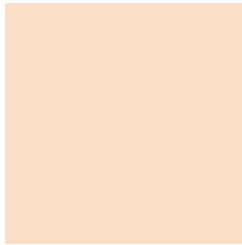
12.4133, 0.1790, 0.1642



1.3621, 0.1848, 0.1852

Previews

White Background



This preview shows how the Yxy color 77.9441, 0.3493, 0.3547 looks on a white background.

Color Contrast Check

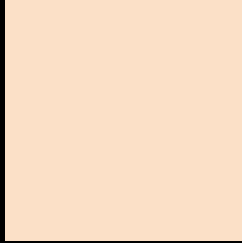
Large Text (above 18pt) WCAG AA × Fail

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 77.9441, 0.3493, 0.3547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

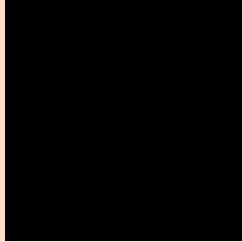
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.9441, 0.3493, 0.3547

Background



This preview shows how black text looks on a background with the Yxy color 77.9441, 0.3493, 0.3547.



This preview shows how white text looks on a background with the Yxy color 77.9441, 0.3493, 0.3547.

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

77.9441, 0.3493, 0.3547

Protanopia

78.0546, 0.3383, 0.3574

Deuteranopia

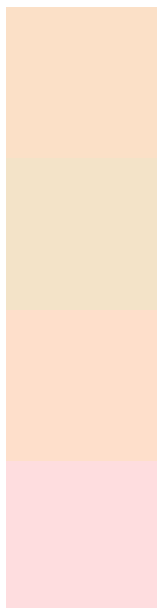
77.9588, 0.3477, 0.3453



Tritanopia

77.9792, 0.3271, 0.3122

Trichromacy



Original Color

77.9441, 0.3493, 0.3547

Protanomaly

78.1630, 0.3421, 0.3572

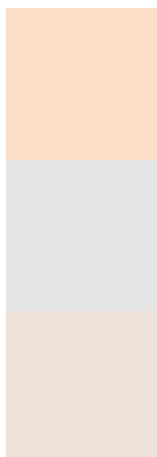
Deuteranomaly

78.1580, 0.3489, 0.3494

Tritanomaly

78.1114, 0.3352, 0.3271

Monochromacy



Original Color

77.9441, 0.3493, 0.3547

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.0047, 0.3256, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.9441, 0.3493, 0.3547 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(251, 224, 199)` looks like.

```
.text, #text, p{  
    color:rgb(251, 224, 199)  
}
```

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(251, 224, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 224, 199) }
```

Border

The CSS property to change the border of an element to Yxy 77.9441, 0.3493, 0.3547 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(251, 224, 199) }
```

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

```
.border{ border-color:rgb(251, 224, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 224, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 224, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 224, 199);  
box-shadow:4px 4px 4px 4px rgb(251, 224,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 77.9441, 0.3493, 0.3547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 224, 199) }
```

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

```
.background{ background-color: rgb(251,  
224, 199) }
```

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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