

Converting Colors

$Yxy(85.6396, 0.3783, 0.3467)$

Have a look what the booklet for
Yxy(85.6396, 0.3783, 0.3467)
contains.

Yxy(77.8143, 0.3498, 0.3484)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(77.8143, 0.3498, 0.3484)

Conversions

Conversions Part 1

Format	Color
Hex	FFDECB
RGB	255, 222, 203
RGB Percent	100%, 87%, 80%
CMY	0.0002, 0.1293, 0.2039
CMYK	0.00, 0.13, 0.20, 0.00
HSL	22°, 100%, 90%
HSV	22°, 20%, 100%
XYZ	78.1270, 77.8143, 67.4063
YIQ	229.7010, 25.7670, 1.0870

Conversions

Conversions Part 2

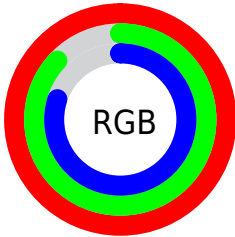
Format	Color
R _Y B	255, 233, 203
Decimal	16768715
CIE Lab	90.70, 8.48, 13.50
CIE LCh	91, 15.944, 57.871
Yxy	77.8143, 0.3498, 0.3484
Android (android.graphics.Color)	4294958795 (0xFFFFDECB)
YUV	229.7010, -13.1636, 22.1872
Hunter-Lab	88.2124, 3.7202, 16.4431

Details

The Yxy color **77.8143, 0.3498, 0.3484** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.8663, 0.2809, 0.3088**, and the grayscale version is **78.9818, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.8131, 0.3586, 0.3525** is the 20% darker color. If you saturate the color by 10%, you get **68.5219, 0.3728, 0.3586**, and if you desaturate by 10%, it is **88.1365, 0.3301, 0.3386**.

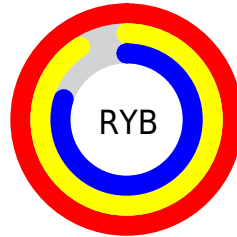
Distribution



Red (100%)

Green (87%)

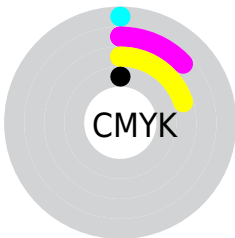
Blue (80%)



Red (100%)

Yellow (91%)

Blue (80%)

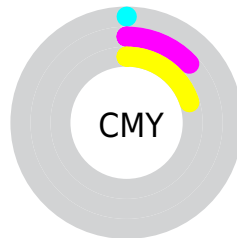


Cyan (0%)

Magenta (13%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.8143, 0.3498, 0.3484 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 77.8143, 0.3498, 0.3484 by changing the saturation by 10% instead.

 77.8143, 0.3498,
0.3484

 77.8143, 0.3498,
0.3484


487.5359, 0.3327,
0.3398

 57.9214, 0.3537,
0.3503


130.2883, 0.3439,
0.3455

 41.7455, 0.3584,
0.3526


163.6383, 0.3416,
0.3443

 28.9021, 0.3645,
0.3554


202.2427, 0.3396,
0.3433

 19.0067, 0.3723,
0.3590

246.4860, 0.3379,
0.3424

 11.6752, 0.3829,
0.3636

296.7526, 0.3364,
0.3416

 6.5229, 0.3979,
0.3699

353.4268, 0.3350,

 3.1656, 0.4208,

0.3410

0.3786

416.8932, 0.3338,
0.3403

■ 1.2188, 0.4783,
0.4066

■ 0.0770, 0.7845,
0.2155

■ 77.8143, 0.3498,
0.3484

■ 77.8143, 0.3498,
0.3484

■ 68.5219, 0.3728,
0.3586

■ 88.1365, 0.3301,
0.3386

■ 60.2160, 0.3994,
0.3686

99.5092, 0.3133,
0.3293

■ 52.8655, 0.4294,
0.3779

99.9901, 0.3127,
0.3290

■ 46.4334, 0.4623,
0.3854

■ 40.8803, 0.4966,
0.3899

■ 36.1631, 0.5300,
0.3900

■ 32.2340, 0.5595,
0.3850

■ 29.1386, 0.5824,
0.3758

Harmonies

Analogous

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



77.8143, 0.3466, 0.3331



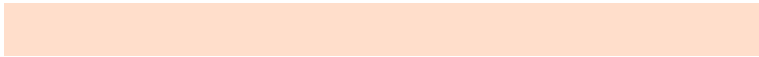
77.8143, 0.3498, 0.3484



77.8143, 0.3427, 0.3592

Triad

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



77.8143, 0.3498, 0.3484



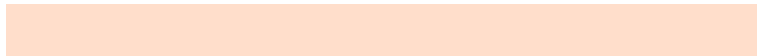
77.8143, 0.2915, 0.3409



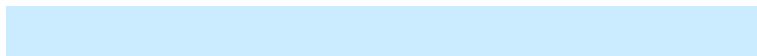
77.8143, 0.2972, 0.2980

Complementary

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



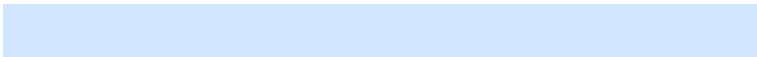
77.8143, 0.3498, 0.3484



79.8663, 0.2809, 0.3088

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.



77.8143, 0.2832, 0.2991



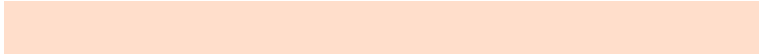
77.8143, 0.3498, 0.3484



77.8143, 0.2800, 0.3234

Square

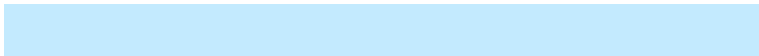
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.8143, 0.3498, 0.3484



77.8143, 0.3088, 0.3553



77.8143, 0.2770, 0.3081



77.8143, 0.3158, 0.3046

Rectangle

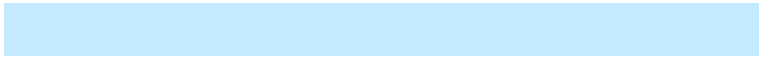
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.8143, 0.3498, 0.3484



77.8143, 0.3333, 0.3621



77.8143, 0.2770, 0.3081



77.8143, 0.2918, 0.2974

Sweetspot

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



77.8178, 0.3498, 0.3484



93.0209, 0.3224, 0.3345



70.0671, 0.3280, 0.2953



19.7527, 0.3235, 0.3351



0.0000, 0.0000, 0.0000



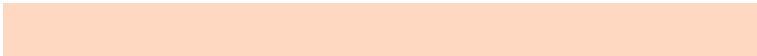
21.4041, 0.3127, 0.3290

Same Dimension

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



77.8178, 0.3498, 0.3484



74.3635, 0.3578, 0.3521



92.1798, 0.3450, 0.3728



19.0759, 0.3285, 0.3378



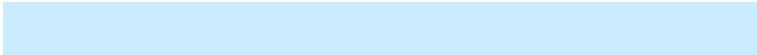
15.4915, 0.5794, 0.3781



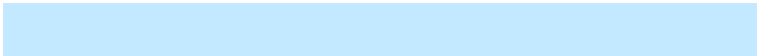
1.7080, 0.5579, 0.3952

Inverse Universe

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



79.8663, 0.2809, 0.3088



76.7110, 0.2752, 0.3047



66.4034, 0.2790, 0.2811



19.2976, 0.2980, 0.3201



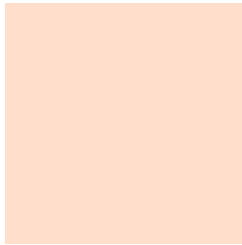
17.5035, 0.1900, 0.2041



1.9127, 0.1944, 0.2199

Previews

White Background



This preview shows how the Yxy color 77.8143, 0.3498, 0.3484 looks on a white background.

Color Contrast Check

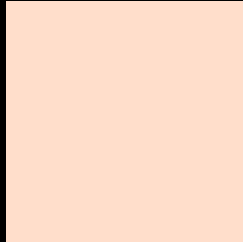
Large Text (above 18pt) WCAG AA × Fail

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 77.8143, 0.3498, 0.3484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

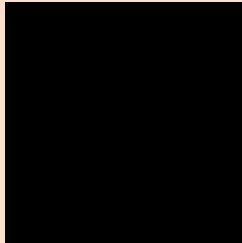
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.8143, 0.3498, 0.3484

Background



This preview shows how black text looks on a background with the Yxy color 77.8143, 0.3498, 0.3484.

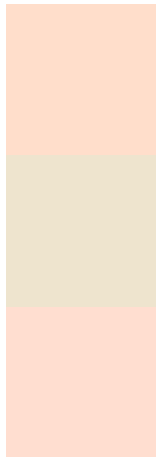


This preview shows how white text looks on a background with the Yxy color 77.8143, 0.3498, 0.3484.

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

77.8143, 0.3498, 0.3484

Protanopia

78.1202, 0.3342, 0.3522

Deuteranopia

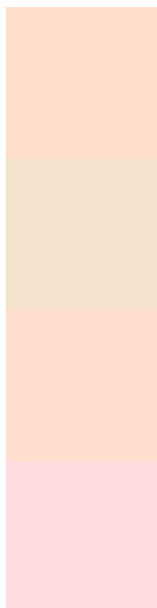
78.0566, 0.3463, 0.3433



Tritanopia

77.8635, 0.3285, 0.3141

Trichromacy



Original Color

77.8143, 0.3498, 0.3484

Protanomaly

78.0336, 0.3396, 0.3509

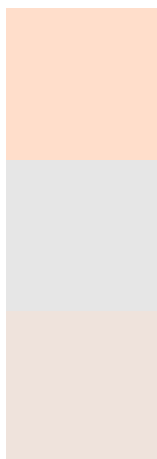
Deuteranomaly

77.9588, 0.3477, 0.3453

Tritanomaly

77.7741, 0.3360, 0.3261

Monochromacy



Original Color

77.8143, 0.3498, 0.3484

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.4562, 0.3257, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.8143, 0.3498, 0.3484 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, 222, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 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, 222, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 203) }
```

Border

The CSS property to change the border of an element to Yxy 77.8143, 0.3498, 0.3484 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, 222, 203) }
```

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

```
.border{ border-color:rgb(255, 222, 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, 222, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 77.8143, 0.3498, 0.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 203) }
```

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

```
.background{ background-color: rgb(255,  
222, 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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