

Converting Colors

$Yxy(85.8405, 0.3858, 0.3509)$

Have a look what the booklet for
Yxy(85.8405, 0.3858, 0.3509)
contains.

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Color

Yxy(77.0041, 0.3543, 0.3536)

Conversions

Conversions Part 1

Format	Color
Hex	FFDDC5
RGB	255, 221, 197
RGB Percent	100%, 87%, 77%
CMY	0.0002, 0.1332, 0.2275
CMYK	0.00, 0.13, 0.23, 0.00
HSL	25°, 100%, 89%
HSV	25°, 23%, 100%
XYZ	77.1565, 77.0041, 63.6111
YIQ	228.4300, 27.9680, -0.2560

Conversions

Conversions Part 2

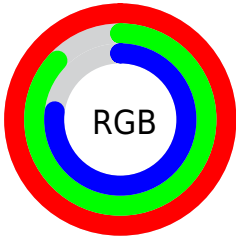
Format	Color
R _Y B	255, 238, 197
Decimal	16768453
CIE Lab	90.32, 8.13, 16.12
CIE LCh	90, 18.058, 63.229
Yxy	77.0041, 0.3543, 0.3536
Android (android.graphics.Color)	4294958533 (0xFFFFDDC5)
YUV	228.4300, -15.4950, 23.3019
Hunter-Lab	87.7520, 3.3814, 18.4473

Details

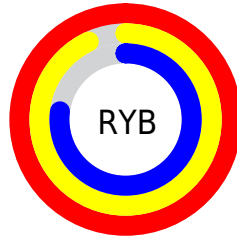
The Yxy color **77.0041, 0.3543, 0.3536** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.1791, 0.2769, 0.3030**, and the grayscale version is **78.0121, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **41.2614, 0.3646, 0.3591** is the 20% darker color. If you saturate the color by 10%, you get **68.4042, 0.3774, 0.3651**, and if you desaturate by 10%, it is **86.5086, 0.3342, 0.3424**.

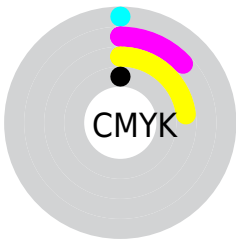
Distribution



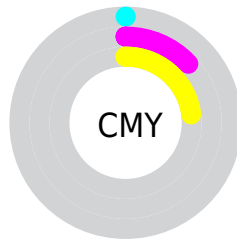
- Red (100%)
- Green (87%)
- Blue (77%)



- Red (100%)
- Yellow (93%)
- Blue (77%)



- Cyan (0%)
- Magenta (13%)
- Yellow (23%)
- Black (0%)




- Cyan (0%)
- Magenta (13%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.0041, 0.3543, 0.3536 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 77.0041, 0.3543, 0.3536 by changing the saturation by 10% instead.


 77.0041, 0.3543,
0.3536

 77.0041, 0.3543,
0.3536


484.7780, 0.3351,
0.3426

 57.2562, 0.3587,
0.3560

129.1453, 0.3477,
0.3499

 41.2110, 0.3640,
0.3589

162.3074, 0.3451,
0.3484

 28.4840, 0.3708,
0.3625


200.7097, 0.3429,
0.3471

 18.6908, 0.3795,
0.3671

244.7366, 0.3409,
0.3460

 11.4471, 0.3914,
0.3730

294.7725, 0.3392,
0.3450

 6.3684, 0.4082,
0.3809

351.2017, 0.3377,

 3.0704, 0.4335,

0.3441

0.3918

414.4088, 0.3363,
0.3433

■ 1.1686, 0.5153,
0.4405

■ 0.0358, 0.8666,
0.1334

■ 77.0041, 0.3543,
0.3536

■ 77.0041, 0.3543,
0.3536

■ 68.4042, 0.3774,
0.3651

■ 86.5086, 0.3342,
0.3424

■ 60.6703, 0.4037,
0.3763

■ 96.9340, 0.3170,
0.3318

■ 53.7763, 0.4328,
0.3865

■ 99.9886, 0.3127,
0.3290

■ 47.6905, 0.4641,
0.3946

■ 42.3789, 0.4960,
0.3992

■ 37.8044, 0.5264,
0.3991

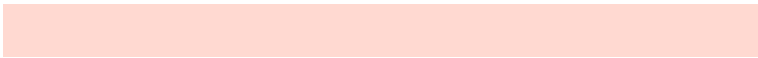
■ 33.9251, 0.5527,
0.3935

■ 31.5082, 0.5687,
0.3866

Harmonies

Analogous

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



77.0041, 0.3528, 0.3368



77.0041, 0.3543, 0.3536



77.0041, 0.3443, 0.3647

Triad

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



77.0041, 0.3543, 0.3536



77.0041, 0.2857, 0.3390



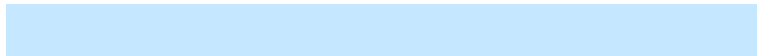
77.0041, 0.2986, 0.2946

Complementary

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



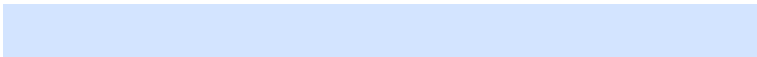
77.0041, 0.3543, 0.3536



76.1791, 0.2769, 0.3030

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.



77.0041, 0.2815, 0.2942



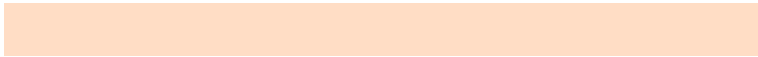
77.0041, 0.3543, 0.3536



77.0041, 0.2742, 0.3190

Square

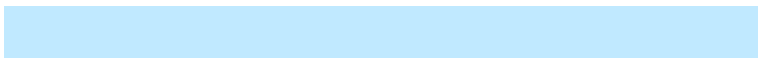
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.0041, 0.3543, 0.3536



77.0041, 0.3045, 0.3566



77.0041, 0.2727, 0.3028



77.0041, 0.3200, 0.3035

Rectangle

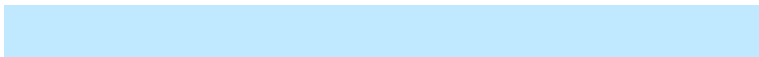
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.0041, 0.3543, 0.3536



77.0041, 0.3327, 0.3668



77.0041, 0.2727, 0.3028



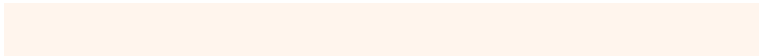
77.0041, 0.2921, 0.2935

Sweetspot

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



77.0076, 0.3543, 0.3536



92.4192, 0.3240, 0.3362



66.9876, 0.3324, 0.2941



19.6462, 0.3251, 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.



77.0076, 0.3543, 0.3536



73.2665, 0.3638, 0.3585



93.1199, 0.3483, 0.3807



19.2250, 0.3284, 0.3389



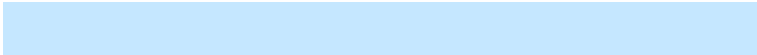
16.7503, 0.5658, 0.3889



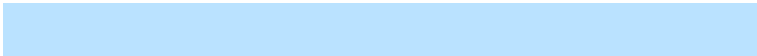
1.8404, 0.5454, 0.4051

Inverse Universe

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



76.1791, 0.2769, 0.3030



72.3085, 0.2701, 0.2975



61.6938, 0.2745, 0.2715



19.1441, 0.2979, 0.3189



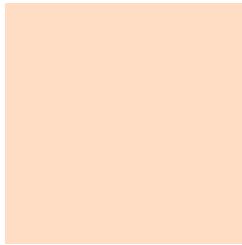
15.3406, 0.1852, 0.1867



1.7094, 0.1902, 0.2045

Previews

White Background



This preview shows how the Yxy color 77.0041, 0.3543, 0.3536 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 77.0041, 0.3543, 0.3536 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 77.0041, 0.3543, 0.3536

Background



This preview shows how black text looks on a background with the Yxy color 77.0041, 0.3543, 0.3536.

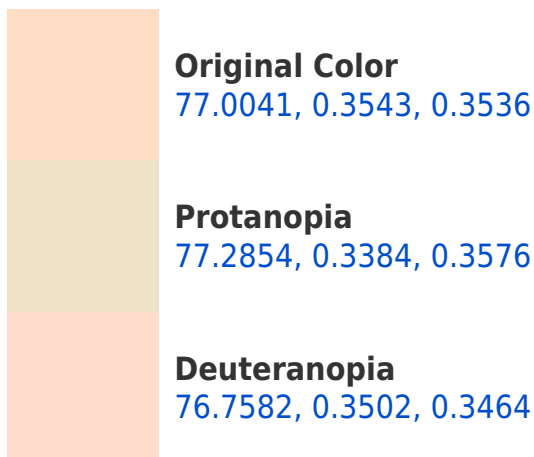


This preview shows how white text looks on a background with the Yxy color 77.0041, 0.3543, 0.3536.

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

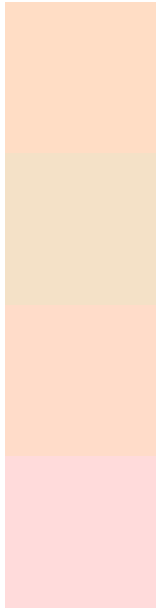




Tritanopia

77.2290, 0.3300, 0.3151

Trichromacy



Original Color

77.0041, 0.3543, 0.3536

Protanomaly

77.2070, 0.3439, 0.3562

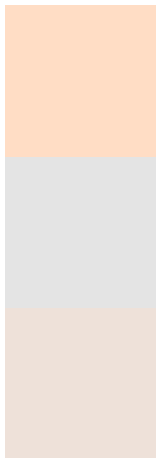
Deuteranomaly

76.6634, 0.3517, 0.3484

Tritanomaly

77.0375, 0.3390, 0.3291

Monochromacy



Original Color

77.0041, 0.3543, 0.3536

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.0373, 0.3272, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.0041, 0.3543, 0.3536 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, 221, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 197)  
}
```

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, 221, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 197) }
```

Border

The CSS property to change the border of an element to Yxy 77.0041, 0.3543, 0.3536 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, 221, 197) }
```

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

```
.border{ border-color:rgb(255, 221, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
197) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 77.0041, 0.3543, 0.3536$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 197) }
```

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

```
.background{ background-color: rgb(255,  
221, 197) }
```

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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