

Converting Colors

$Y_{xy}(77.1777, 0.3565, 0.3575)$

Have a look what the booklet for
Yxy(77.1777, 0.3565, 0.3575)
contains.

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Color

Yxy(77.3976, 0.3563, 0.3576)

Conversions

Conversions Part 1

Format	Color
Hex	FFDEC2
RGB	255, 222, 194
RGB Percent	100%, 87%, 76%
CMY	0.0000, 0.1295, 0.2392
CMYK	0.00, 0.13, 0.24, 0.00
HSL	28°, 100%, 88%
HSV	28°, 24%, 100%
XYZ	77.1162, 77.3976, 61.9224
YIQ	228.6750, 28.6560, -1.7120

Conversions

Conversions Part 2

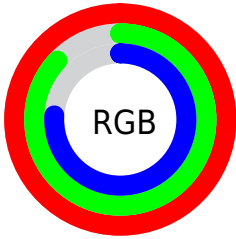
Format	Color
R _Y B	255, 246, 194
Decimal	16768706
CIE _{Lab}	90.50, 7.27, 17.93
CIE _{LCh}	91, 19.346, 67.917
Yxy	77.3976, 0.3563, 0.3576
Android (android.graphics.Color)	4294958786 (0xFFFFDEC2)
YUV	228.6750, -17.0948, 23.0870
Hunter-Lab	87.9759, 2.5083, 19.8515

Details

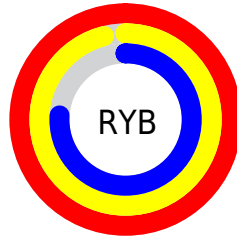
The Yxy color $77.3976, 0.3563, 0.3576$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $73.6474, 0.2748, 0.2986$, and the grayscale version is $78.2087, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.7450, 0.3150, 0.3328$, and $41.5366, 0.3670, 0.3644$ is the 20% darker color. If you saturate the color by 10%, you get $69.3054, 0.3790, 0.3702$, and if you desaturate by 10%, it is $86.2715, 0.3363, 0.3452$.

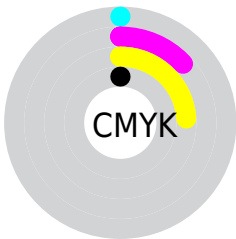
Distribution



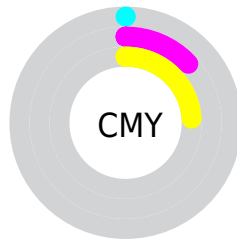
- Red (100%)
- Green (87%)
- Blue (76%)



- Red (100%)
- Yellow (96%)
- Blue (76%)



- Cyan (0%)
- Magenta (13%)
- Yellow (24%)
- Black (0%)




- Cyan (0%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.3976, 0.3563, 0.3576 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 77.3976, 0.3563, 0.3576 by changing the saturation by 10% instead.

 77.3976, 0.3563,
0.3576

 77.3976, 0.3563,
0.3576


486.1186, 0.3362,
0.3448

 57.5793, 0.3608,
0.3604


 129.7006, 0.3494,
0.3533

 41.4705, 0.3664,
0.3638


162.9540, 0.3467,
0.3515

 28.6869, 0.3735,
0.3680


201.4546, 0.3443,
0.3500

 18.8441, 0.3826,
0.3733

245.5867, 0.3423,
0.3487

 11.5577, 0.3948,
0.3803

295.7348, 0.3405,
0.3476

 6.4433, 0.4120,
0.3895

352.2832, 0.3389,

 3.1164, 0.4377,

0.3466

0.4021

415.6163, 0.3375,
0.3456

■ 1.1928, 0.5309,
0.4641

■ 0.0558, 0.8051,
0.1949

■ 77.3976, 0.3563,
0.3576

■ 77.3976, 0.3563,
0.3576

■ 69.3054, 0.3790,
0.3702

■ 86.2715, 0.3363,
0.3452

■ 61.9936, 0.4046,
0.3825

■ 95.9734, 0.3189,
0.3334

■ 55.4288, 0.4326,
0.3936

100.0000, 0.3127,
0.3290

■ 49.5834, 0.4621,
0.4024

■ 44.4278, 0.4918,
0.4075

■ 39.9293, 0.5196,
0.4077

■ 36.0509, 0.5435,
0.4023

■ 33.9698, 0.5559,
0.3968

Harmonies

Analogous

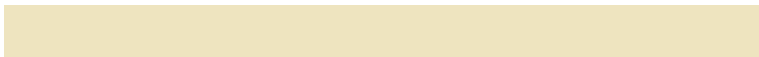
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.3976, 0.3567, 0.3402



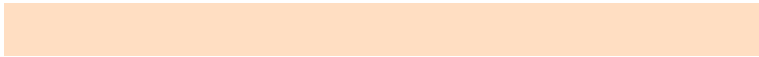
77.3976, 0.3563, 0.3576



77.3976, 0.3439, 0.3681

Triad

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



77.3976, 0.3563, 0.3576



77.3976, 0.2813, 0.3363



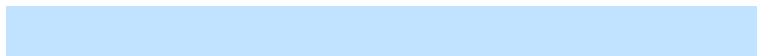
77.3976, 0.3010, 0.2933

Complementary

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



77.3976, 0.3563, 0.3576



73.6474, 0.2748, 0.2986

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.



77.3976, 0.2817, 0.2912



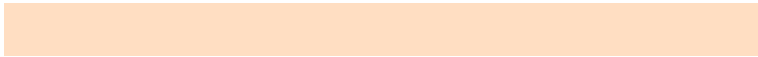
77.3976, 0.3563, 0.3576



77.3976, 0.2706, 0.3152

Square

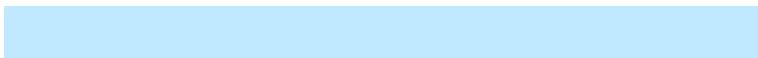
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.3976, 0.3563, 0.3576



77.3976, 0.3004, 0.3561



77.3976, 0.2708, 0.2989



77.3976, 0.3241, 0.3040

Rectangle

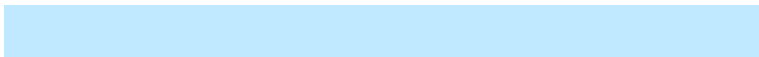
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.3976, 0.3563, 0.3576



77.3976, 0.3307, 0.3693



77.3976, 0.2708, 0.2989



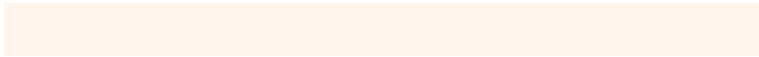
77.3976, 0.2938, 0.2915

Sweetspot

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



77.3899, 0.3563, 0.3576



92.8916, 0.3240, 0.3370



65.4278, 0.3360, 0.2951



19.7556, 0.3250, 0.3377



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.



77.3899, 0.3563, 0.3576



73.1809, 0.3675, 0.3640



94.7457, 0.3496, 0.3862



19.3596, 0.3283, 0.3399



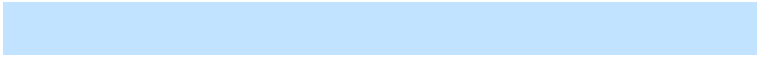
18.0406, 0.5532, 0.3990



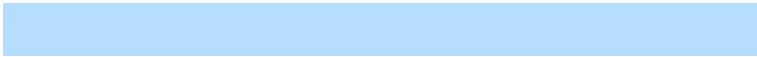
1.9720, 0.5341, 0.4141

Inverse Universe

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



73.6474, 0.2748, 0.2986



68.8081, 0.2665, 0.2911



58.6539, 0.2719, 0.2646



19.0072, 0.2979, 0.3178



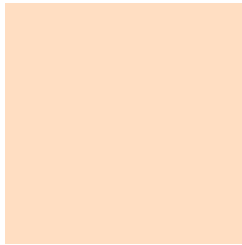
13.5811, 0.1810, 0.1714



1.5410, 0.1863, 0.1908

Previews

White Background



This preview shows how the Yxy color 77.3976, 0.3563, 0.3576 looks on a white background.

Color Contrast Check

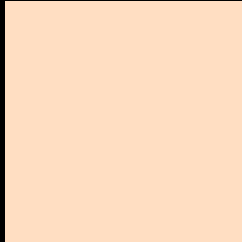
Large Text (above 18pt) WCAG AA × Fail

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 77.3976, 0.3563, 0.3576 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 77.3976, 0.3563, 0.3576

Background



This preview shows how black text looks on a background with the Yxy color 77.3976, 0.3563, 0.3576.



This preview shows how white text looks on a background with the Yxy color 77.3976, 0.3563, 0.3576.

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

77.3976, 0.3563, 0.3576

Protanopia

77.3201, 0.3412, 0.3607

Deuteranopia

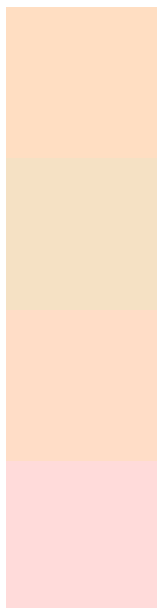
77.2372, 0.3508, 0.3484



Tritanopia

77.2290, 0.3300, 0.3151

Trichromacy



Original Color

77.3976, 0.3563, 0.3576

Protanomaly

77.2484, 0.3467, 0.3593

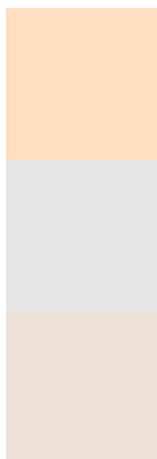
Deuteranomaly

77.0964, 0.3529, 0.3515

Tritanomaly

76.9850, 0.3397, 0.3301

Monochromacy



Original Color

77.3976, 0.3563, 0.3576

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.5277, 0.3278, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.3976, 0.3563, 0.3576 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 194) }
```

Border

The CSS property to change the border of an element to Yxy 77.3976, 0.3563, 0.3576 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, 194) }
```

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

```
.border{ border-color:rgb(255, 222, 194) }
```

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, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 77.3976, 0.3563, 0.3576 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, 194) }
```

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

```
.background{ background-color: rgb(255,  
222, 194) }
```

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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