

Converting Colors

$Y_{xy}(75.5841, 0.3569, 0.3558)$

Have a look what the booklet for
Yxy(75.5841, 0.3569, 0.3558)
contains.

Yxy(75.5841, 0.3569, 0.3558)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.5841, 0.3569, 0.3558)

Conversions

Conversions Part 1

Format	Color
Hex	FEDBC1
RGB	254, 219, 193
RGB Percent	100%, 86%, 76%
CMY	0.0041, 0.1411, 0.2432
CMYK	0.00, 0.14, 0.24, 0.00
HSL	26°, 97%, 88%
HSV	26°, 24%, 100%
XYZ	75.8178, 75.5841, 61.0324
YIQ	226.5010, 29.2060, -0.6660

Conversions

Conversions Part 2

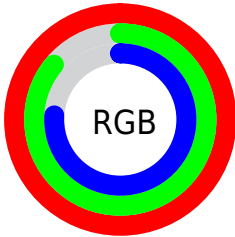
Format	Color
RYB	254, 238, 193
Decimal	16702401
CIELab	89.67, 8.25, 17.28
CIELCh	90, 19.150, 64.465
Yxy	75.5841, 0.3569, 0.3558
Android (android.graphics.Color)	4294892481 (0xFFFEDBC1)
YUV	226.5010, -16.5160, 24.1166
Hunter-Lab	86.9391, 3.5226, 19.2351

Details

The Yxy color **75.5841, 0.3569, 0.3558** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.9307, 0.2748, 0.3006**, and the grayscale version is **76.5396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **40.2853, 0.3681, 0.3620** is the 20% darker color. If you saturate the color by 10%, you get **67.2854, 0.3802, 0.3676**, and if you desaturate by 10%, it is **84.7480, 0.3366, 0.3442**.

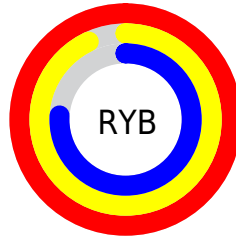
Distribution



Red (100%)

Green (86%)

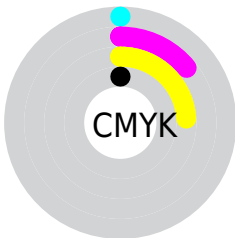
Blue (76%)



Red (100%)

Yellow (93%)

Blue (76%)

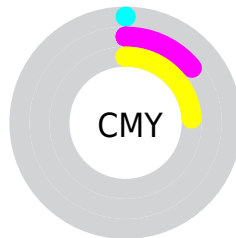


Cyan (0%)

Magenta (14%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (14%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.5841, 0.3569, 0.3558 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 75.5841, 0.3569, 0.3558 by changing the saturation by 10% instead.

 75.5841, 0.3569,
0.3558

 75.5841, 0.3569,
0.3558


479.9228, 0.3365,
0.3438

 56.0915, 0.3616,
0.3584


 127.1388, 0.3498,
0.3517

 40.2763, 0.3673,
0.3616


159.9698, 0.3471,
0.3501

 27.7541, 0.3745,
0.3656


198.0157, 0.3447,
0.3487

 18.1403, 0.3839,
0.3706

241.6609, 0.3426,
0.3475

 11.0508, 0.3966,
0.3770

291.2898, 0.3408,
0.3464

 6.1010, 0.4146,
0.3857

347.2868, 0.3392,

 2.9066, 0.4418,

0.3454

0.3974

410.0364, 0.3378,
0.3446

1.0832, 0.5412,
0.4588

0.0000, 1.0000,
0.0000

75.5841, 0.3569,
0.3558

75.5841, 0.3569,
0.3558

67.2854, 0.3802,
0.3676

84.7480, 0.3366,
0.3442

59.8147, 0.4066,
0.3791

94.7923, 0.3190,
0.3332

53.1471, 0.4356,
0.3894

99.8037, 0.3121,
0.3290

47.2523, 0.4665,
0.3974

■ 42.0975, 0.4978,
0.4017

■ 37.6469, 0.5272,
0.4012

■ 33.8601, 0.5523,
0.3952

■ 31.8848, 0.5652,
0.3895

Harmonies

Analogous

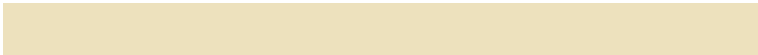
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.5841, 0.3558, 0.3380



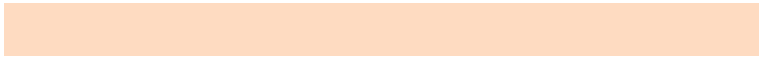
75.5841, 0.3569, 0.3558



75.5841, 0.3457, 0.3673

Triad

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



75.5841, 0.3569, 0.3558



75.5841, 0.2832, 0.3388



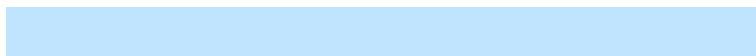
75.5841, 0.2985, 0.2926

Complementary

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



75.5841, 0.3569, 0.3558



73.9307, 0.2748, 0.3006

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.



75.5841, 0.2800, 0.2917



75.5841, 0.3569, 0.3558



75.5841, 0.2714, 0.3175

Square

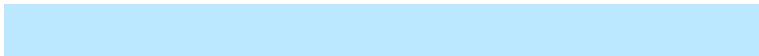
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.5841, 0.3569, 0.3558



75.5841, 0.3029, 0.3579



75.5841, 0.2703, 0.3004



75.5841, 0.3214, 0.3024

Rectangle

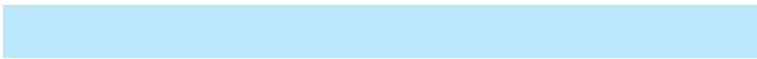
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.5841, 0.3569, 0.3558



75.5841, 0.3331, 0.3694



75.5841, 0.2703, 0.3004



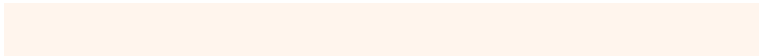
75.5841, 0.2916, 0.2913

Sweetspot

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



75.5875, 0.3569, 0.3558



92.5506, 0.3240, 0.3364



64.8268, 0.3345, 0.2930



19.6766, 0.3250, 0.3371



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.



75.5875, 0.3569, 0.3558



72.0009, 0.3682, 0.3617



92.5903, 0.3502, 0.3845



19.2624, 0.3284, 0.3392



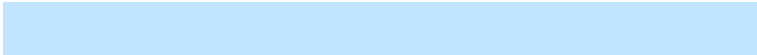
17.0942, 0.5623, 0.3917



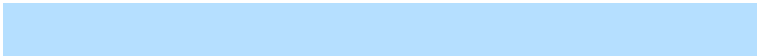
1.8758, 0.5423, 0.4076

Inverse Universe

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



73.9307, 0.2748, 0.3006



70.0498, 0.2668, 0.2938



58.9044, 0.2719, 0.2666



19.1059, 0.2979, 0.3186



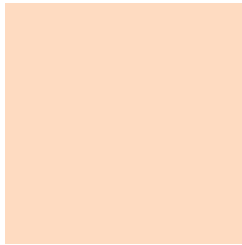
14.8334, 0.1840, 0.1824



1.6611, 0.1891, 0.2007

Previews

White Background



This preview shows how the Yxy color 75.5841, 0.3569, 0.3558 looks on a white background.

Color Contrast Check

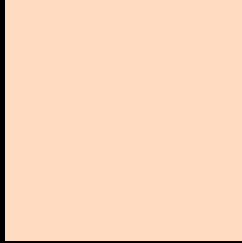
Large Text (above 18pt) WCAG AA × Fail

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 75.5841, 0.3569, 0.3558 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 75.5841, 0.3569, 0.3558

Background



This preview shows how black text looks on a background with the Yxy color 75.5841, 0.3569, 0.3558.

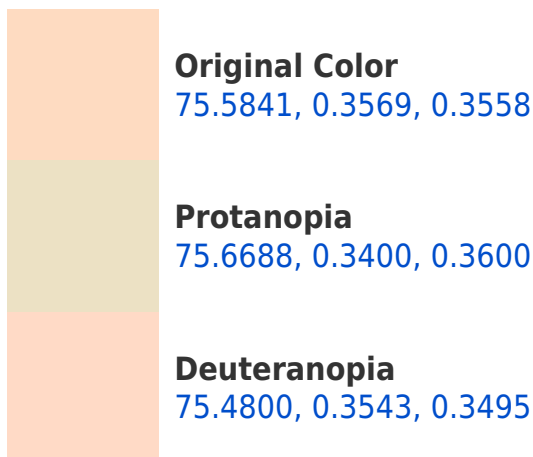


This preview shows how white text looks on a background with the Yxy color 75.5841, 0.3569, 0.3558.

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

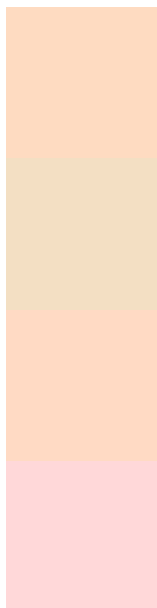




Tritanopia

75.5740, 0.3317, 0.3141

Trichromacy



Original Color

75.5841, 0.3569, 0.3558

Protanomaly

75.7702, 0.3463, 0.3585

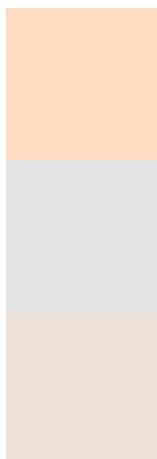
Deuteranomaly

75.3883, 0.3557, 0.3516

Tritanomaly

75.3815, 0.3409, 0.3281

Monochromacy



Original Color

75.5841, 0.3569, 0.3558

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.2221, 0.3279, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5841, 0.3569, 0.3558 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(254, 219, 193)` looks like.

```
.text, #text, p{  
    color:rgb(254, 219, 193)  
}
```

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(254, 219, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 219, 193) }
```

Border

The CSS property to change the border of an element to Yxy 75.5841, 0.3569, 0.3558 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(254, 219, 193) }
```

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

```
.border{ border-color:rgb(254, 219, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 219, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 219, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 219, 193);  
box-shadow:4px 4px 4px 4px rgb(254, 219,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5841, 0.3569, 0.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 219, 193) }
```

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

```
.background{ background-color: rgb(254,  
219, 193) }
```

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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