

Converting Colors

$Yxy(78.5945, 0.3797, 0.3533)$

Have a look what the booklet for
Yxy(78.5945, 0.3797, 0.3533)
contains.

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Color

Yxy(73.5786, 0.3608, 0.3548)

Conversions

Conversions Part 1

Format	Color
Hex	FFD7BE
RGB	255, 215, 190
RGB Percent	100%, 84%, 75%
CMY	0.0002, 0.1568, 0.2549
CMYK	0.00, 0.16, 0.25, 0.00
HSL	23°, 100%, 87%
HSV	23°, 25%, 100%
XYZ	74.8229, 73.5786, 58.9790
YIQ	224.1100, 31.8650, 0.7050

Conversions

Conversions Part 2

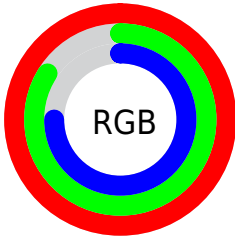
Format	Color
R _Y B	255, 231, 190
Decimal	16766910
CIE Lab	88.72, 10.28, 17.52
CIE LCh	89, 20.317, 59.598
Yxy	73.5786, 0.3608, 0.3548
Android (android.graphics.Color)	4294956990 (0xFFFFD7BE)
YUV	224.1100, -16.8162, 27.0905
Hunter-Lab	85.7780, 5.5915, 19.2781

Details

The Yxy color **73.5786, 0.3608, 0.3548** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.7271, 0.2727, 0.3017**, and the grayscale version is **74.7291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **38.8181, 0.3715, 0.3595** is the 20% darker color. If you saturate the color by 10%, you get **64.9568, 0.3853, 0.3655**, and if you desaturate by 10%, it is **83.1672, 0.3396, 0.3443**.

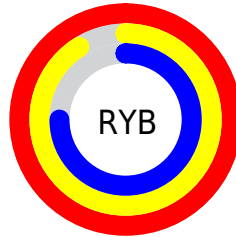
Distribution



Red (100%)

Green (84%)

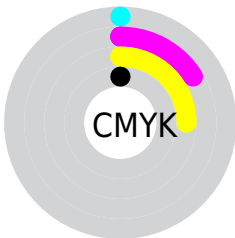
Blue (75%)



Red (100%)

Yellow (91%)

Blue (75%)

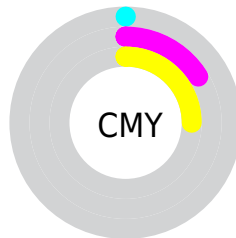


Cyan (0%)

Magenta (16%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.5786, 0.3608, 0.3548 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 73.5786, 0.3608, 0.3548 by changing the saturation by 10% instead.


 73.5786, 0.3608,
0.3548

 73.5786, 0.3608,
0.3548

473.0177, 0.3384,
0.3433

 54.4492, 0.3659,
0.3573


 124.2983, 0.3530,
0.3509

 38.9609, 0.3722,
0.3603


156.6573, 0.3500,
0.3494

 26.7293, 0.3803,
0.3641


194.1951, 0.3474,
0.3480

 17.3700, 0.3907,
0.3688

237.2959, 0.3451,
0.3468

 10.4987, 0.4049,
0.3748

286.3441, 0.3432,
0.3458

 5.7308, 0.4251,
0.3827

341.7243, 0.3414,

 2.6821, 0.4558,

0.3449

0.3929

403.8207, 0.3398,
0.3440

0.9681, 0.5561,
0.4439

0.0000, 1.0000,
0.0000

73.5786, 0.3608,
0.3548

73.5786, 0.3608,
0.3548

64.9568, 0.3853,
0.3655

83.1672, 0.3396,
0.3443

57.2601, 0.4131,
0.3758

93.7424, 0.3215,
0.3342

50.4585, 0.4441,
0.3848

99.9913, 0.3127,
0.3290

44.5161, 0.4770,
0.3913

■ 39.3945, 0.5103,
0.3942

■ 35.0514, 0.5412,
0.3920

■ 31.4389, 0.5671,
0.3845

■ 30.0225, 0.5772,
0.3799

Harmonies

Analogous

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



73.5786, 0.3574, 0.3352



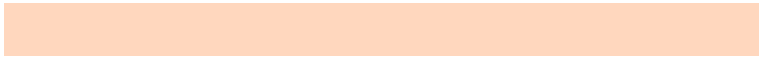
73.5786, 0.3608, 0.3548



73.5786, 0.3507, 0.3687

Triad

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



73.5786, 0.3608, 0.3548



73.5786, 0.2841, 0.3432



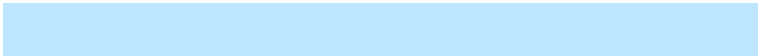
73.5786, 0.2938, 0.2894

Complementary

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



73.5786, 0.3608, 0.3548



74.7271, 0.2727, 0.3017

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.



73.5786, 0.2753, 0.2900



73.5786, 0.3608, 0.3548



73.5786, 0.2699, 0.3201

Square

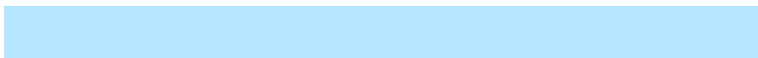
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.5786, 0.3608, 0.3548



73.5786, 0.3061, 0.3627



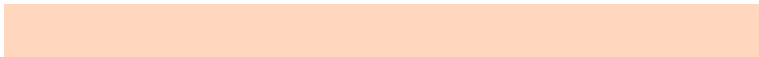
73.5786, 0.2668, 0.3008



73.5786, 0.3180, 0.2984

Rectangle

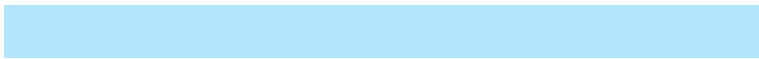
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.5786, 0.3608, 0.3548



73.5786, 0.3381, 0.3723



73.5786, 0.2668, 0.3008



73.5786, 0.2867, 0.2884

Sweetspot

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



73.5820, 0.3608, 0.3548



91.0116, 0.3258, 0.3367



63.7995, 0.3344, 0.2886



19.1340, 0.3285, 0.3382



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.



73.5820, 0.3608, 0.3548



68.7256, 0.3739, 0.3607



91.7221, 0.3531, 0.3860



19.1340, 0.3285, 0.3382



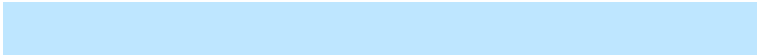
15.9607, 0.5742, 0.3823



1.7579, 0.5531, 0.3991

Inverse Universe

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



74.7271, 0.2727, 0.3017



70.0545, 0.2641, 0.2948



58.3655, 0.2694, 0.2648



19.2376, 0.2979, 0.3196



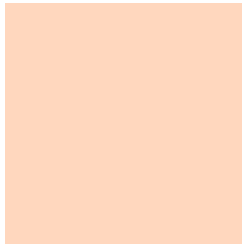
16.6338, 0.1882, 0.1973



1.8314, 0.1928, 0.2139

Previews

White Background



This preview shows how the Yxy color 73.5786, 0.3608, 0.3548 looks on a white background.

Color Contrast Check

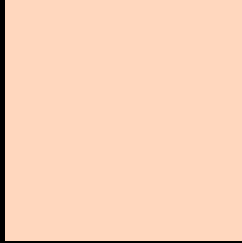
Large Text (above 18pt) WCAG AA × Fail

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 73.5786, 0.3608, 0.3548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

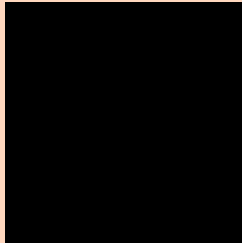
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.5786, 0.3608, 0.3548

Background



This preview shows how black text looks on a background with the Yxy color 73.5786, 0.3608, 0.3548.

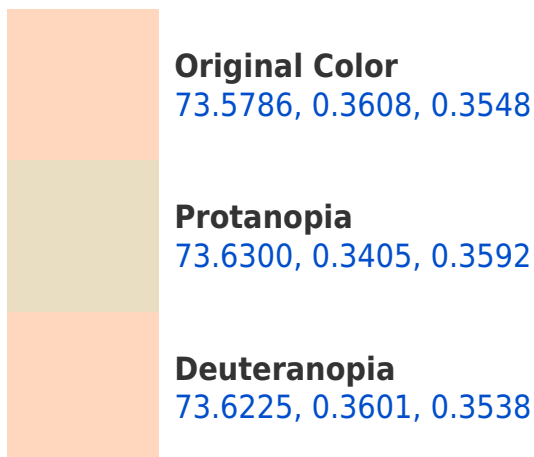


This preview shows how white text looks on a background with the Yxy color 73.5786, 0.3608, 0.3548.

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

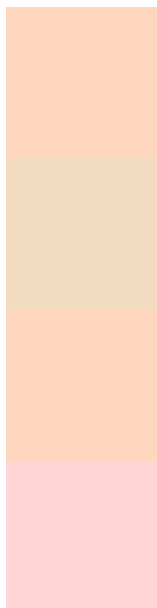




Tritanopia

73.8380, 0.3349, 0.3150

Trichromacy



Original Color

73.5786, 0.3608, 0.3548

Protanomaly

73.3905, 0.3478, 0.3566

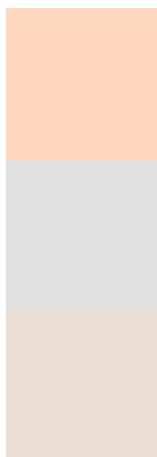
Deuteranomaly

73.6225, 0.3601, 0.3538

Tritanomaly

73.6526, 0.3443, 0.3291

Monochromacy



Original Color

73.5786, 0.3608, 0.3548

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.1285, 0.3289, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5786, 0.3608, 0.3548 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, 215, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 190)  
}
```

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, 215, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 190) }
```

Border

The CSS property to change the border of an element to Yxy 73.5786, 0.3608, 0.3548 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, 215, 190) }
```

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

```
.border{ border-color:rgb(255, 215, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5786, 0.3608, 0.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 190) }
```

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

```
.background{ background-color: rgb(255,  
215, 190) }
```

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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