

Converting Colors

$Yxy(71.5003, 0.3597, 0.3563)$

Have a look what the booklet for
Yxy(71.5003, 0.3597, 0.3563)
contains.

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Color

Yxy(71.5003, 0.3597, 0.3563)

Conversions

Conversions Part 1

Format	Color
Hex	FAD5BB
RGB	250, 213, 187
RGB Percent	98%, 84%, 73%
CMY	0.0196, 0.1647, 0.2668
CMYK	0.00, 0.15, 0.25, 0.02
HSL	25°, 86%, 86%
HSV	25°, 25%, 98%
XYZ	72.1826, 71.5003, 56.9915
YIQ	221.0990, 30.3980, -0.2420

Conversions

Conversions Part 2

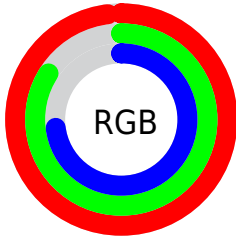
Format	Color
R _Y B	250, 231, 187
Decimal	16438715
CIE Lab	87.73, 9.08, 17.66
CIE LCh	88, 19.856, 62.797
Yxy	71.5003, 0.3597, 0.3563
Android (android.graphics.Color)	4294628795 (0xFFFA D5BB)
YUV	221.0990, -16.8108, 25.3462
Hunter-Lab	84.5579, 4.3998, 19.2294

Details

The Yxy color **71.5003, 0.3597, 0.3563** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **70.7444, 0.2730, 0.3000**, and the grayscale version is **72.4836, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **37.5124, 0.3711, 0.3614** is the 20% darker color. If you saturate the color by 10%, you get **63.4757, 0.3836, 0.3677**, and if you desaturate by 10%, it is **80.3852, 0.3389, 0.3451**.

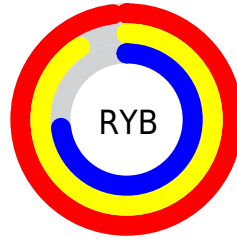
Distribution



Red (98%)

Green (84%)

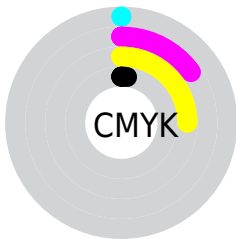
Blue (73%)



Red (98%)

Yellow (91%)

Blue (73%)

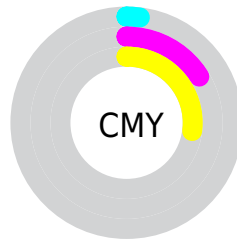


Cyan (0%)

Magenta (15%)

Yellow (25%)

Black (2%)



Cyan (2%)

Magenta (16%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.5003, 0.3597, 0.3563 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 71.5003, 0.3597, 0.3563 by changing the saturation by 10% instead.

 71.5003, 0.3597,
0.3563

 71.5003, 0.3597,
0.3563


465.8005, 0.3377,
0.3440

 52.7506, 0.3647,
0.3590


 121.3458, 0.3521,
0.3521

 37.6037, 0.3710,
0.3623


153.2104, 0.3491,
0.3505

 25.6753, 0.3789,
0.3664


190.2154, 0.3465,
0.3490

 16.5809, 0.3893,
0.3715

232.7452, 0.3443,
0.3478

 9.9361, 0.4034,
0.3782

281.1842, 0.3424,
0.3467

 5.3566, 0.4237,
0.3871

335.9169, 0.3407,

 2.4580, 0.4547,

0.3457

0.3989

397.3275, 0.3391,
0.3448

0.8555, 0.5510,
0.4490

0.0000, 0.0000,
0.0000

71.5003, 0.3597,
0.3563

71.5003, 0.3597,
0.3563

63.4757, 0.3836,
0.3677

80.3852, 0.3389,
0.3451

56.2744, 0.4106,
0.3787

90.1466, 0.3210,
0.3343

49.8707, 0.4404,
0.3885

99.0622, 0.3096,
0.3290

44.2338, 0.4720,
0.3958

■ 39.3305, 0.5039,
0.3994

■ 35.1241, 0.5335,
0.3980

■ 31.5734, 0.5586,
0.3911

■ 30.0846, 0.5690,
0.3864

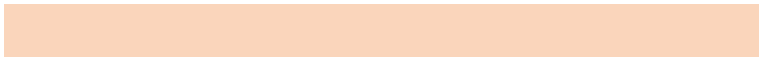
Harmonies

Analogous

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



71.5003, 0.3578, 0.3373



71.5003, 0.3597, 0.3563



71.5003, 0.3485, 0.3691

Triad

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



71.5003, 0.3597, 0.3563



71.5003, 0.2825, 0.3406



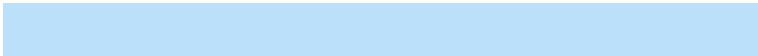
71.5003, 0.2964, 0.2904

Complementary

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



71.5003, 0.3597, 0.3563



70.7444, 0.2730, 0.3000

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.



71.5003, 0.2773, 0.2899



71.5003, 0.3597, 0.3563



71.5003, 0.2696, 0.3179

Square

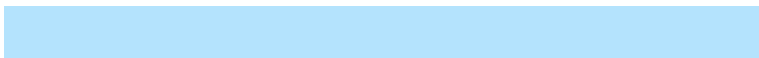
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.5003, 0.3597, 0.3563



71.5003, 0.3037, 0.3605



71.5003, 0.2677, 0.2996



71.5003, 0.3205, 0.3002

Rectangle

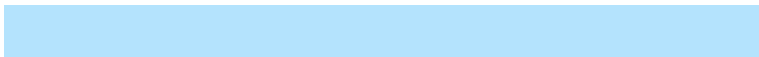
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.5003, 0.3597, 0.3563



71.5003, 0.3354, 0.3718



71.5003, 0.2677, 0.2996



71.5003, 0.2892, 0.2891

Sweetspot

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



71.5036, 0.3597, 0.3563



91.3545, 0.3258, 0.3373



61.2737, 0.3350, 0.2901



19.2201, 0.3284, 0.3389



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.



71.5036, 0.3597, 0.3563



70.6442, 0.3708, 0.3618



88.4223, 0.3523, 0.3863



18.4035, 0.3284, 0.3388



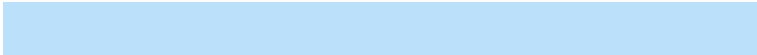
16.2267, 0.5661, 0.3887



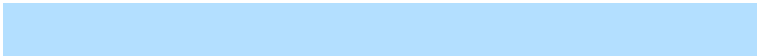
1.7063, 0.5447, 0.4057

Inverse Universe

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



70.7444, 0.2730, 0.3000



69.7259, 0.2653, 0.2936



55.7220, 0.2698, 0.2644



18.3357, 0.2980, 0.3190



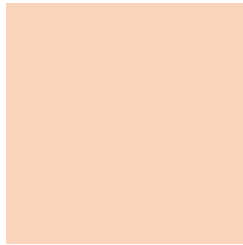
14.9685, 0.1854, 0.1874



1.5953, 0.1906, 0.2060

Previews

White Background



This preview shows how the Yxy color 71.5003, 0.3597, 0.3563 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 71.5003, 0.3597, 0.3563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

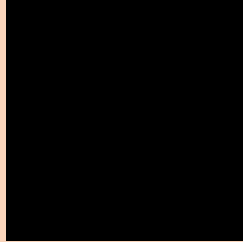
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.5003, 0.3597, 0.3563

Background



This preview shows how black text looks on a background with the Yxy color 71.5003, 0.3597, 0.3563.

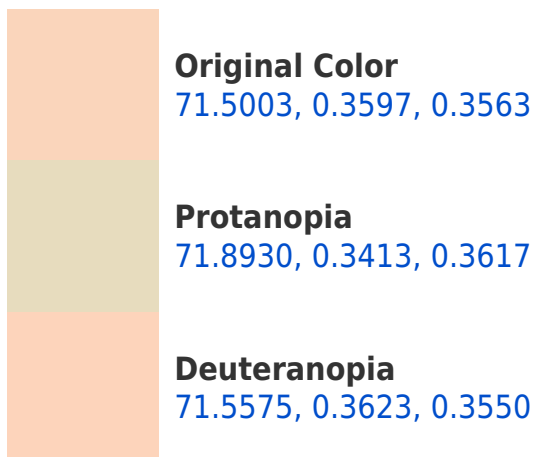


This preview shows how white text looks on a background with the Yxy color 71.5003, 0.3597, 0.3563.

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

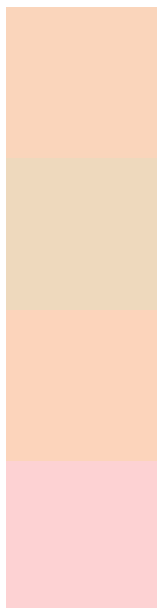




Tritanopia

71.5644, 0.3361, 0.3129

Trichromacy



Original Color

71.5003, 0.3597, 0.3563

Protanomaly

71.4770, 0.3480, 0.3591

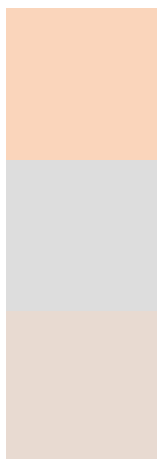
Deuteranomaly

71.3703, 0.3615, 0.3551

Tritanomaly

71.6790, 0.3447, 0.3281

Monochromacy



Original Color

71.5003, 0.3597, 0.3563

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.9021, 0.3291, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5003, 0.3597, 0.3563 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(250, 213, 187)` looks like.

```
.text, #text, p{  
    color:rgb(250, 213, 187)  
}
```

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(250, 213, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 213, 187) }
```

Border

The CSS property to change the border of an element to Yxy 71.5003, 0.3597, 0.3563 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(250, 213, 187) }
```

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

```
.border{ border-color:rgb(250, 213, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 213, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 213, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 213, 187);  
box-shadow:4px 4px 4px 4px rgb(250, 213,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5003, 0.3597, 0.3563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 213, 187) }
```

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

```
.background{ background-color: rgb(250,  
213, 187) }
```

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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