

Converting Colors

$Y_{xy}(72.4249, 0.3778, 0.3797)$

Have a look what the booklet for
Yxy(72.4249, 0.3778, 0.3797)
contains.

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Color

Yxy(72.4249, 0.3778, 0.3797)

Conversions

Conversions Part 1

Format	Color
Hex	FED7A6
RGB	254, 215, 166
RGB Percent	100%, 84%, 65%
CMY	0.0038, 0.1569, 0.3490
CMYK	0.00, 0.15, 0.35, 0.00
HSL	33°, 98%, 82%
HSV	33°, 35%, 100%
XYZ	72.0625, 72.4249, 46.2550
YIQ	221.0750, 38.9730, -6.9710

Conversions

Conversions Part 2

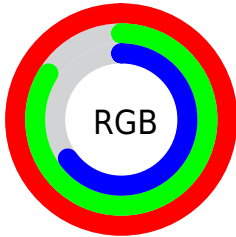
Format	Color
RYB	236, 254, 166
Decimal	16701350
CIELab	88.17, 6.90, 29.26
CIELCh	88, 30.064, 76.722
Yxy	72.4249, 0.3778, 0.3797
Android (android.graphics.Color)	4294891430 (0xFF FED7A6)
YUV	221.0750, -27.1520, 28.8752
Hunter-Lab	85.1028, 2.2185, 27.3467

Details

The Yxy color $72.4249, 0.3778, 0.3797$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $58.9372, 0.2560, 0.2721$, and the grayscale version is $72.5388, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.0005, 0.3327, 0.3621$, and $38.0923, 0.3927, 0.3898$ is the 20% darker color. If you saturate the color by 10%, you get $66.0468, 0.4012, 0.3943$, and if you desaturate by 10%, it is $79.3887, 0.3564, 0.3646$.

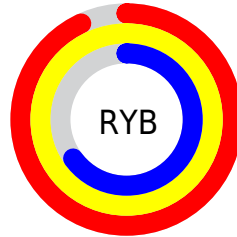
Distribution



Red (100%)

Green (84%)

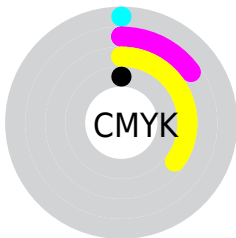
Blue (65%)



Red (93%)

Yellow (100%)

Blue (65%)

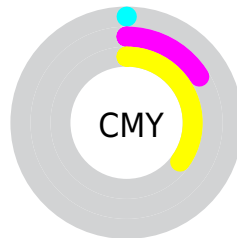


Cyan (0%)

Magenta (15%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (16%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.4249, 0.3778, 0.3797 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 72.4249, 0.3778, 0.3797 by changing the saturation by 10% instead.


 72.4249, 0.3778,
0.3797

 72.4249, 0.3778,
0.3797


469.0192, 0.3477,
0.3569

 53.5058, 0.3846,
0.3847


 122.6604, 0.3674,
0.3720

 38.2067, 0.3929,
0.3906


 154.7457, 0.3634,
0.3689

 26.1432, 0.4033,
0.3980


191.9885, 0.3599,
0.3663

 16.9308, 0.4166,
0.4070

234.7732, 0.3568,
0.3639

 10.1852, 0.4340,
0.4184

283.4842, 0.3541,
0.3619

 5.5219, 0.4575,
0.4325

338.5060, 0.3517,

 2.5566, 0.5079,

0.3600

0.4657

400.2228, 0.3496,
0.3584

0.9049, 0.5354,
0.4646

0.0000, 0.0000,
0.0000

72.4249, 0.3778,
0.3797

72.4249, 0.3778,
0.3797

66.0468, 0.4012,
0.3943

79.3887, 0.3564,
0.3646

60.2255, 0.4260,
0.4076

86.9457, 0.3371,
0.3497

54.9442, 0.4514,
0.4183

95.1160, 0.3200,
0.3354

50.1809, 0.4761,
0.4253

99.8153, 0.3121,
0.3290

■ 45.9112, 0.4987,
0.4272

■ 42.1065, 0.5178,
0.4237

■ 40.2450, 0.5267,
0.4200

Harmonies

Analogous

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



72.4249, 0.3850, 0.3540



72.4249, 0.3778, 0.3797



72.4249, 0.3528, 0.3935

Triad

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



72.4249, 0.3778, 0.3797



72.4249, 0.2569, 0.3297



72.4249, 0.3041, 0.2774

Complementary

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



72.4249, 0.3778, 0.3797



58.9372, 0.2560, 0.2721

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.



72.4249, 0.2715, 0.2697



72.4249, 0.3778, 0.3797



72.4249, 0.2455, 0.2974

Square

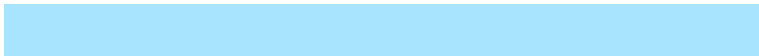
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.4249, 0.3778, 0.3797



72.4249, 0.2829, 0.3644



72.4249, 0.2507, 0.2763



72.4249, 0.3411, 0.2969

Rectangle

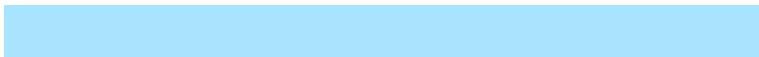
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.4249, 0.3778, 0.3797



72.4249, 0.3300, 0.3925



72.4249, 0.2507, 0.2763



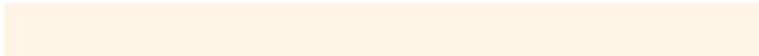
72.4249, 0.2923, 0.2734

Sweetspot

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



72.4283, 0.3778, 0.3797



91.4630, 0.3289, 0.3429



52.7837, 0.3580, 0.2880



19.3309, 0.3313, 0.3450



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.



72.4283, 0.3778, 0.3797



68.2723, 0.3948, 0.3906



93.9061, 0.3621, 0.4166



19.6642, 0.3280, 0.3422



21.5123, 0.5245, 0.4218



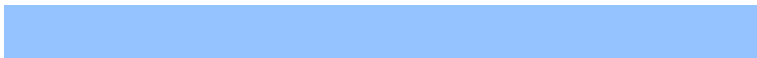
2.3126, 0.5092, 0.4339

Inverse Universe

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



58.9372, 0.2560, 0.2721



52.7079, 0.2435, 0.2575



43.0189, 0.2526, 0.2255



18.7033, 0.2979, 0.3154



10.2363, 0.1720, 0.1390



1.2103, 0.1780, 0.1608

Previews

White Background



This preview shows how the Yxy color 72.4249, 0.3778, 0.3797 looks on a white background.

Color Contrast Check

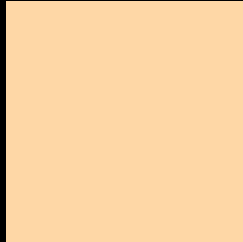
Large Text (above 18pt) WCAG AA × Fail

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 72.4249, 0.3778, 0.3797 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 72.4249, 0.3778, 0.3797

Background



This preview shows how black text looks on a background with the Yxy color 72.4249, 0.3778, 0.3797.



This preview shows how white text looks on a background with the Yxy color 72.4249, 0.3778, 0.3797.

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

72.4249, 0.3778, 0.3797

Protanopia

72.5820, 0.3605, 0.3851

Deuteranopia

72.5275, 0.3708, 0.3673



Tritanopia

72.1886, 0.3375, 0.3149

Trichromacy



Original Color

72.4249, 0.3778, 0.3797

Protanomaly

72.5449, 0.3664, 0.3832

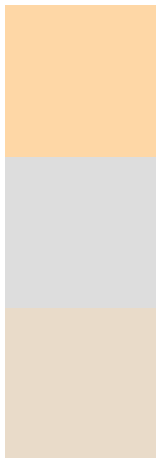
Deuteranomaly

72.3703, 0.3737, 0.3714

Tritanomaly

72.1128, 0.3528, 0.3383

Monochromacy



Original Color

72.4249, 0.3778, 0.3797

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.2037, 0.3353, 0.3484

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4249, 0.3778, 0.3797 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, 215, 166)` looks like.

```
.text, #text, p{  
    color:rgb(254, 215, 166)  
}
```

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, 215, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 215, 166) }
```

Border

The CSS property to change the border of an element to Yxy 72.4249, 0.3778, 0.3797 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, 215, 166) }
```

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

```
.border{ border-color:rgb(254, 215, 166) }
```

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

Here you see how a box with a 4 pixel rgb(254, 215, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 215, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 215, 166);  
box-shadow:4px 4px 4px 4px rgb(254, 215,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4249, 0.3778, 0.3797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 215, 166) }
```

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

```
.background{ background-color: rgb(254,  
215, 166) }
```

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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