

Converting Colors

$Y_{xy}(75.2913, 0.3647, 0.3789)$

Have a look what the booklet for
Yxy(75.2913, 0.3647, 0.3789)
contains.

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Color

Yxy(75.2550, 0.3651, 0.3792)

Conversions

Conversions Part 1

Format	Color
Hex	F8DEAE
RGB	248, 222, 174
RGB Percent	97%, 87%, 68%
CMY	0.0277, 0.1293, 0.3177
CMYK	0.00, 0.10, 0.30, 0.03
HSL	39°, 84%, 83%
HSV	39°, 30%, 97%
XYZ	72.4568, 75.2550, 50.7455
YIQ	224.3020, 30.9040, -9.4160

Conversions

Conversions Part 2

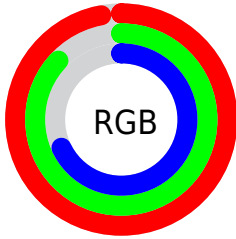
Format	Color
R _Y B	214, 248, 174
Decimal	16309934
CIE Lab	89.51, 1.96, 26.85
CIE LCh	90, 26.926, 85.824
Yxy	75.2550, 0.3651, 0.3792
Android (android.graphics.Color)	4294500014 (0xFFF8DEAE)
YUV	224.3020, -24.7989, 20.7831
Hunter-Lab	86.7496, -2.7216, 26.0422

Details

The Yxy color **75.2550, 0.3651, 0.3792** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.0370, 0.2633, 0.2730**, and the grayscale version is **74.9301, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **40.0943, 0.3776, 0.3906** is the 20% darker color. If you saturate the color by 10%, you get **69.8808, 0.3857, 0.3963**, and if you desaturate by 10%, it is **81.0525, 0.3459, 0.3619**.

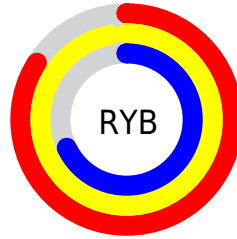
Distribution



Red (97%)

Green (87%)

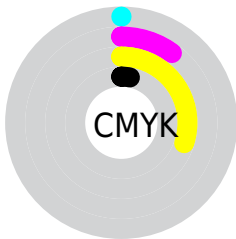
Blue (68%)



Red (84%)

Yellow (97%)

Blue (68%)

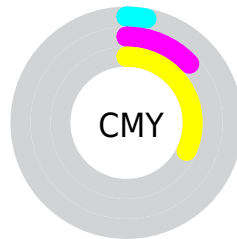


Cyan (0%)

Magenta (10%)

Yellow (30%)

Black (3%)



Cyan (3%)


Magenta (13%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.2550, 0.3651, 0.3792 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 75.2550, 0.3651, 0.3792 by changing the saturation by 10% instead.


 75.2550, 0.3651,
0.3792

 75.2550, 0.3651,
0.3792


478.7936, 0.3411,
0.3564

 55.8218, 0.3705,
0.3843


 126.6733, 0.3569,
0.3714

 40.0601, 0.3770,
0.3904


159.4271, 0.3536,
0.3683

 27.5854, 0.3852,
0.3981


197.3900, 0.3508,
0.3657

 18.0134, 0.3957,
0.4077

240.9463, 0.3484,
0.3633

 10.9596, 0.4093,
0.4203

290.4804, 0.3462,
0.3613

 6.0397, 0.4278,
0.4368

346.3768, 0.3443,

 2.8692, 0.4587,

0.3595

0.4645

409.0197, 0.3426,
0.3579

■ 1.0638, 0.5006,
0.4994

■ 0.0000, 0.0000,
0.0000

■ 75.2550, 0.3651,
0.3792

■ 75.2550, 0.3651,
0.3792

■ 69.8808, 0.3857,
0.3963

■ 81.0525, 0.3459,
0.3619

■ 64.9062, 0.4074,
0.4125

■ 87.2755, 0.3283,
0.3449

■ 60.3201, 0.4292,
0.4265

■ 93.9392, 0.3125,
0.3287

■ 56.1070, 0.4504,
0.4373

■ 98.6861, 0.3084,
0.3290

■ 52.2491, 0.4697,
0.4438

■ 48.7262, 0.4861,
0.4451

■ 45.5077, 0.4994,
0.4415

■ 45.4540, 0.4997,
0.4415

Harmonies

Analogous

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



75.2550, 0.3766, 0.3592



75.2550, 0.3651, 0.3792



75.2550, 0.3396, 0.3864

Triad

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



75.2550, 0.3651, 0.3792



75.2550, 0.2585, 0.3205



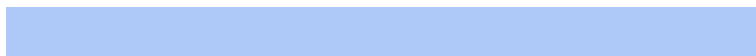
75.2550, 0.3152, 0.2873

Complementary

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



75.2550, 0.3651, 0.3792



57.0370, 0.2633, 0.2730

Split Complementary

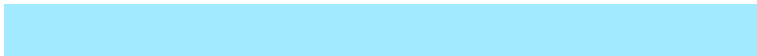
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.2550, 0.2841, 0.2770



75.2550, 0.3651, 0.3792



75.2550, 0.2527, 0.2942

Square

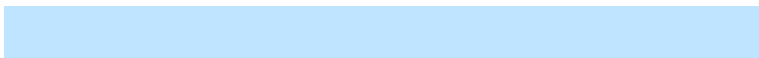
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.2550, 0.3651, 0.3792



75.2550, 0.2782, 0.3514



75.2550, 0.2618, 0.2790



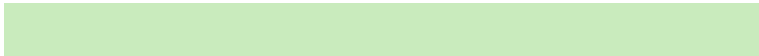
75.2550, 0.3470, 0.3074

Rectangle

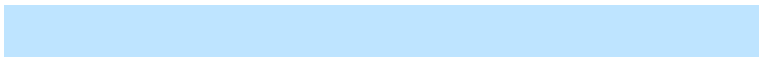
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.2550, 0.3651, 0.3792



75.2550, 0.3185, 0.3817



75.2550, 0.2618, 0.2790



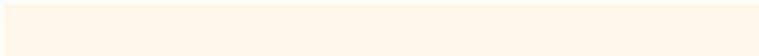
75.2550, 0.3043, 0.2826

Sweetspot

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



75.2584, 0.3651, 0.3792



93.5844, 0.3270, 0.3436



54.4367, 0.3552, 0.3003



19.8167, 0.3294, 0.3460



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.



75.2584, 0.3651, 0.3792



76.5955, 0.3778, 0.3900



88.3469, 0.3510, 0.4055



19.1070, 0.3278, 0.3444



24.8401, 0.4980, 0.4428



2.4994, 0.4862, 0.4522

Inverse Universe

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



57.0370, 0.2633, 0.2730



54.2244, 0.2522, 0.2591



47.2143, 0.2668, 0.2432



17.6380, 0.2979, 0.3132



7.5727, 0.1645, 0.1121



0.8920, 0.1710, 0.1357

Previews

White Background



This preview shows how the Yxy color 75.2550, 0.3651, 0.3792 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 75.2550, 0.3651, 0.3792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

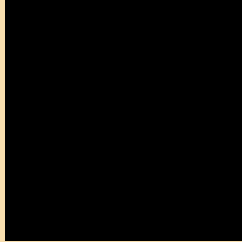
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.2550, 0.3651, 0.3792

Background



This preview shows how black text looks on a background with the Yxy color 75.2550, 0.3651, 0.3792.



This preview shows how white text looks on a background with the Yxy color 75.2550, 0.3651, 0.3792.

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

75.2550, 0.3651, 0.3792

Protanopia

75.4708, 0.3575, 0.3822

Deuteranopia

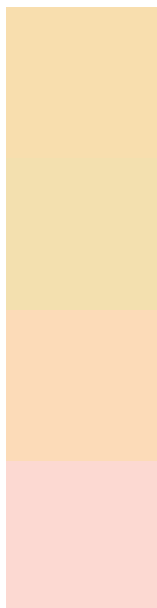
75.0769, 0.3608, 0.3588



Tritanopia

75.1227, 0.3311, 0.3121

Trichromacy



Original Color

75.2550, 0.3651, 0.3792

Protanomaly

75.4611, 0.3601, 0.3808

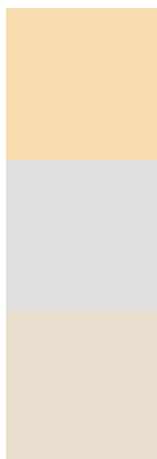
Deuteranomaly

74.8192, 0.3619, 0.3653

Tritanomaly

74.9743, 0.3435, 0.3362

Monochromacy



Original Color

75.2550, 0.3651, 0.3792

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.5552, 0.3313, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2550, 0.3651, 0.3792 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(248, 222, 174)` looks like.

```
.text, #text, p{  
    color:rgb(248, 222, 174)  
}
```

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(248, 222, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 222, 174) }
```

Border

The CSS property to change the border of an element to Yxy 75.2550, 0.3651, 0.3792 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(248, 222, 174) }
```

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

```
.border{ border-color:rgb(248, 222, 174) }
```

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

Here you see how a box with a 4 pixel rgb(248, 222, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 222, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 222, 174);  
box-shadow:4px 4px 4px 4px rgb(248, 222,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2550, 0.3651, 0.3792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 222, 174) }
```

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

```
.background{ background-color: rgb(248,  
222, 174) }
```

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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