

Converting Colors

$Y_{xy}(93.0612, 0.4311, 0.3659)$

Have a look what the booklet for
Yxy(93.0612, 0.4311, 0.3659)
contains.

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Color

Yxy(74.4199, 0.3725, 0.3753)

Conversions

Conversions Part 1

Format	Color
Hex	FFDAAD
RGB	255, 218, 173
RGB Percent	100%, 85%, 68%
CMY	0.0000, 0.1451, 0.3215
CMYK	0.00, 0.15, 0.32, 0.00
HSL	33°, 100%, 84%
HSV	33°, 32%, 100%
XYZ	73.8647, 74.4199, 50.0099
YIQ	223.9330, 36.4970, -6.1510

Conversions

Conversions Part 2

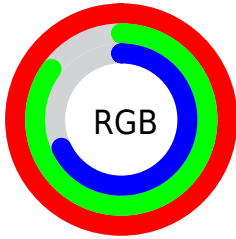
Format	Color
RYB	240, 255, 173
Decimal	16767661
CIELab	89.12, 6.59, 26.93
CIElCh	89, 27.726, 76.253
Yxy	74.4199, 0.3725, 0.3753
Android (android.graphics.Color)	4294957741 (0xFFFFDAAD)
YUV	223.9330, -25.1100, 27.2458
Hunter-Lab	86.2670, 1.8705, 26.0159

Details

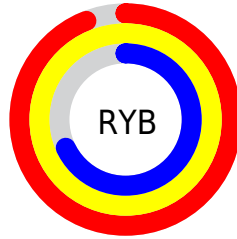
The Yxy color **74.4199, 0.3725, 0.3753** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.2062, 0.2603, 0.2776**, and the grayscale version is **74.6506, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4371, 0.3280, 0.3542**, and **39.4208, 0.3865, 0.3856** is the 20% darker color. If you saturate the color by 10%, you get **67.7581, 0.3956, 0.3899**, and if you desaturate by 10%, it is **81.6776, 0.3515, 0.3604**.

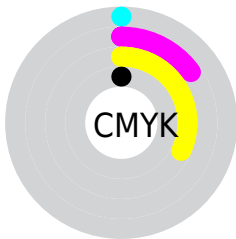
Distribution



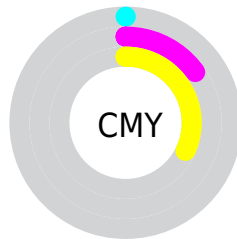
- Red (100%)
- Green (85%)
- Blue (68%)



- Red (94%)
- Yellow (100%)
- Blue (68%)



- Cyan (0%)
- Magenta (15%)
- Yellow (32%)
- Black (0%)




- Cyan (0%)
- Magenta (15%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.4199, 0.3725, 0.3753 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 74.4199, 0.3725, 0.3753 by changing the saturation by 10% instead.


 74.4199, 0.3725,
0.3753

 74.4199, 0.3725,
0.3753


475.9213, 0.3449,
0.3545

 55.1378, 0.3787,
0.3798


 125.4909, 0.3630,
0.3682

 39.5120, 0.3863,
0.3853


158.0485, 0.3593,
0.3655

 27.1583, 0.3958,
0.3920


195.8001, 0.3561,
0.3630

 17.6921, 0.4081,
0.4004

239.1301, 0.3533,
0.3609

 10.7292, 0.4242,
0.4111

288.4228, 0.3508,
0.3590

 5.8850, 0.4461,
0.4247

344.0626, 0.3486,

 2.7753, 0.4839,

0.3574

0.4480

406.4340, 0.3467,
0.3559

■ 1.0156, 0.5316,
0.4684

■ 0.0000, 1.0000,
0.0000

■ 74.4199, 0.3725,
0.3753

■ 74.4199, 0.3725,
0.3753

■ 67.7581, 0.3956,
0.3899

■ 81.6776, 0.3515,
0.3604

■ 61.6836, 0.4203,
0.4035

■ 89.5598, 0.3327,
0.3458

■ 56.1725, 0.4460,
0.4148

■ 98.0800, 0.3160,
0.3319

■ 51.2026, 0.4715,
0.4226

■ 100.0000, 0.3127,
0.3290

■ 46.7494, 0.4951,
0.4257

■ 42.7848, 0.5156,
0.4233

■ 39.9881, 0.5291,
0.4181

Harmonies

Analogous

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



74.4199, 0.3786, 0.3518



74.4199, 0.3725, 0.3753



74.4199, 0.3500, 0.3878

Triad

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



74.4199, 0.3725, 0.3753



74.4199, 0.2618, 0.3303



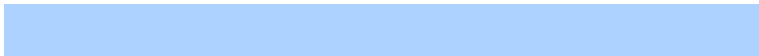
74.4199, 0.3045, 0.2813

Complementary

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



74.4199, 0.3725, 0.3753



62.2062, 0.2603, 0.2776

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.



74.4199, 0.2746, 0.2745



74.4199, 0.3725, 0.3753



74.4199, 0.2510, 0.3007

Square

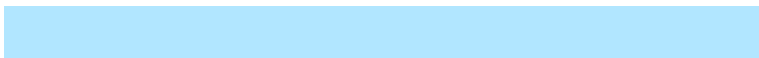
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4199, 0.3725, 0.3753



74.4199, 0.2860, 0.3616



74.4199, 0.2555, 0.2809



74.4199, 0.3382, 0.2992

Rectangle

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



74.4199, 0.3725, 0.3753



74.4199, 0.3293, 0.3869



74.4199, 0.2555, 0.2809



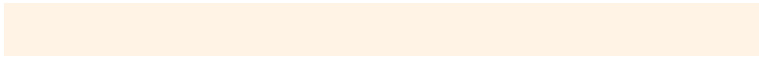
74.4199, 0.2936, 0.2777

Sweetspot

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



74.4164, 0.3725, 0.3753



91.3402, 0.3289, 0.3427



55.8671, 0.3525, 0.2897



19.3012, 0.3313, 0.3447



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.



74.4164, 0.3725, 0.3753



69.7939, 0.3881, 0.3854



95.2828, 0.3596, 0.4101



19.6391, 0.3280, 0.3420



21.1973, 0.5268, 0.4199



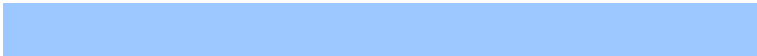
2.2823, 0.5112, 0.4323

Inverse Universe

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



62.2062, 0.2603, 0.2776



55.7546, 0.2487, 0.2645



46.3104, 0.2568, 0.2339



18.7280, 0.2979, 0.3156



10.4797, 0.1727, 0.1415



1.2350, 0.1787, 0.1632

Previews

White Background



This preview shows how the Yxy color 74.4199, 0.3725, 0.3753 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 74.4199, 0.3725, 0.3753 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 74.4199, 0.3725, 0.3753

Background



This preview shows how black text looks on a background with the Yxy color 74.4199, 0.3725, 0.3753.



This preview shows how white text looks on a background with the Yxy color 74.4199, 0.3725, 0.3753.

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

74.4199, 0.3725, 0.3753

Protanopia

74.7966, 0.3563, 0.3803

Deuteranopia

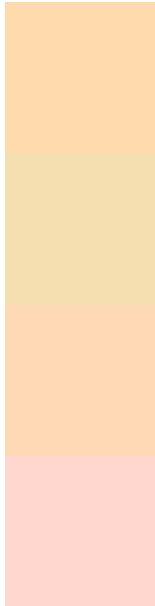
74.4309, 0.3633, 0.3609



Tritanopia

74.3395, 0.3348, 0.3160

Trichromacy



Original Color

74.4199, 0.3725, 0.3753

Protanomaly

74.7502, 0.3621, 0.3785

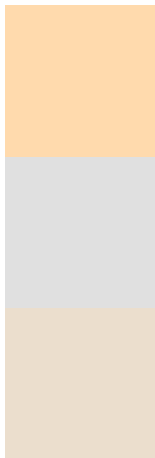
Deuteranomaly

74.2219, 0.3669, 0.3661

Tritanomaly

74.3659, 0.3483, 0.3373

Monochromacy



Original Color

74.4199, 0.3725, 0.3753

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.3125, 0.3336, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4199, 0.3725, 0.3753 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, 218, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 173)  
}
```

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, 218, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 173) }
```

Border

The CSS property to change the border of an element to Yxy 74.4199, 0.3725, 0.3753 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, 218, 173) }
```

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

```
.border{ border-color:rgb(255, 218, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4199, 0.3725, 0.3753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 173) }
```

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

```
.background{ background-color: rgb(255,  
218, 173) }
```

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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