

Converting Colors

$Y_{xy}(74.7604, 0.3810, 0.3917)$

Have a look what the booklet for
Yxy(74.7604, 0.3810, 0.3917)
contains.

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Color

Yxy(74.7604, 0.3810, 0.3917)

Conversions

Conversions Part 1

Format	Color
Hex	FEDC9F
RGB	254, 220, 159
RGB Percent	100%, 86%, 62%
CMY	0.0040, 0.1372, 0.3766
CMYK	0.00, 0.13, 0.37, 0.00
HSL	39°, 98%, 81%
HSV	39°, 37%, 100%
XYZ	72.7182, 74.7604, 43.3828
YIQ	223.2120, 39.8450, -11.7630

Conversions

Conversions Part 2

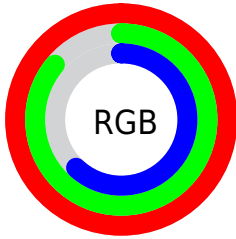
Format	Color
R _Y B	212, 254, 159
Decimal	16702623
CIE Lab	89.28, 3.51, 34.35
CIE LCh	89, 34.528, 84.169
Yxy	74.7604, 0.3810, 0.3917
Android (android.graphics.Color)	4294892703 (0xFFFE9C9F)
YUV	223.2120, -31.6565, 27.0011
Hunter-Lab	86.4641, -1.1898, 30.7765

Details

The Yxy color **74.7604, 0.3810, 0.3917** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.6362, 0.2498, 0.2567**, and the grayscale version is **74.1580, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6350, 0.3370, 0.3691**, and **39.7076, 0.3962, 0.4047** is the 20% darker color. If you saturate the color by 10%, you get **69.3325, 0.4026, 0.4080**, and if you desaturate by 10%, it is **80.6353, 0.3605, 0.3746**.

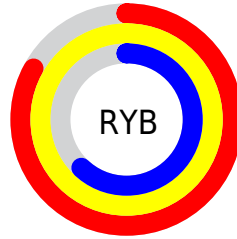
Distribution



Red (100%)

Green (86%)

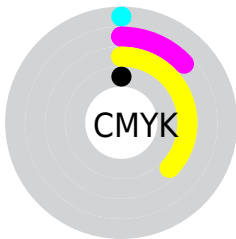
Blue (62%)



Red (83%)

Yellow (100%)

Blue (62%)

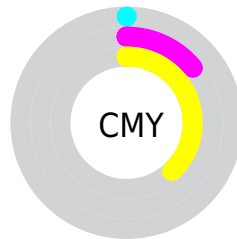


Cyan (0%)

Magenta (13%)

Yellow (37%)

Black (0%)



Cyan (0%)

Magenta (14%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.7604, 0.3810, 0.3917 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 74.7604, 0.3810, 0.3917 by changing the saturation by 10% instead.


 74.7604, 0.3810,
0.3917


 74.7604, 0.3810,
0.3917


477.0936, 0.3499,
0.3635

 55.4166, 0.3879,
0.3978


 125.9731, 0.3704,
0.3822

 39.7354, 0.3962,
0.4052


 158.6109, 0.3662,
0.3784

 27.3323, 0.4065,
0.4141


196.4488, 0.3625,
0.3751

 17.8229, 0.4195,
0.4252

239.8711, 0.3594,
0.3722

 10.8229, 0.4359,
0.4390

289.2624, 0.3566,
0.3697

 5.9479, 0.4570,
0.4558

345.0070, 0.3541,

 2.8134, 0.5044,

0.3674

0.4956

407.4893, 0.3519,
0.3654

■ 1.0351, 0.5111,
0.4889

■ 0.0000, 1.0000,
0.0000

■ 74.7604, 0.3810,
0.3917

■ 74.7604, 0.3810,
0.3917

■ 69.3325, 0.4026,
0.4080

■ 80.6353, 0.3605,
0.3746

■ 64.3260, 0.4248,
0.4225

■ 86.9611, 0.3416,
0.3574

■ 59.7278, 0.4465,
0.4341

■ 93.7545, 0.3243,
0.3408

■ 55.5195, 0.4667,
0.4415

99.8083, 0.3121,
0.3290

■ 51.6802, 0.4843,
0.4439

■ 48.1836, 0.4984,
0.4410

■ 47.3253, 0.5018,
0.4398

Harmonies

Analogous

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



74.7604, 0.3950, 0.3647



74.7604, 0.3810, 0.3917



74.7604, 0.3487, 0.4034

Triad

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



74.7604, 0.3810, 0.3917



74.7604, 0.2448, 0.3195



74.7604, 0.3132, 0.2753

Complementary

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



74.7604, 0.3810, 0.3917



52.6362, 0.2498, 0.2567

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.



74.7604, 0.2741, 0.2630



74.7604, 0.3810, 0.3917



74.7604, 0.2366, 0.2854

Square

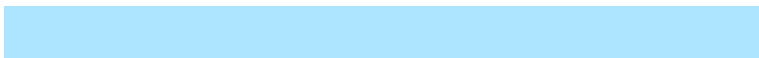
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.7604, 0.3810, 0.3917



74.7604, 0.2702, 0.3600



74.7604, 0.2470, 0.2660



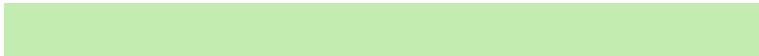
74.7604, 0.3546, 0.2997

Rectangle

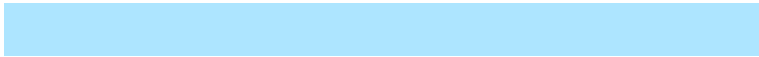
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.7604, 0.3810, 0.3917



74.7604, 0.3218, 0.3987



74.7604, 0.2470, 0.2660



74.7604, 0.2993, 0.2697

Sweetspot

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



74.7639, 0.3810, 0.3917



92.0906, 0.3303, 0.3467



49.7399, 0.3706, 0.2927



19.5112, 0.3326, 0.3490



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

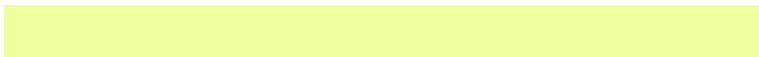
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.7639, 0.3810, 0.3917



71.2400, 0.3974, 0.4042



92.1338, 0.3604, 0.4252



19.9339, 0.3278, 0.3442



25.2427, 0.5001, 0.4411



2.6645, 0.4884, 0.4504

Inverse Universe

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



52.6362, 0.2498, 0.2567



45.9780, 0.2362, 0.2388



40.6697, 0.2525, 0.2175



18.4405, 0.2979, 0.3133



7.9529, 0.1650, 0.1139



0.9719, 0.1712, 0.1363

Previews

White Background



This preview shows how the Yxy color 74.7604, 0.3810, 0.3917 looks on a white background.

Color Contrast Check

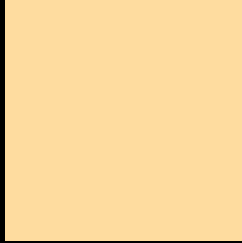
Large Text (above 18pt) WCAG AA × Fail

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 74.7604, 0.3810, 0.3917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

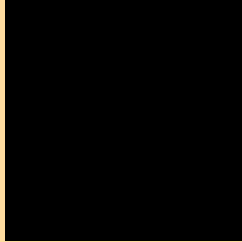
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.7604, 0.3810, 0.3917

Background



This preview shows how black text looks on a background with the Yxy color 74.7604, 0.3810, 0.3917.



This preview shows how white text looks on a background with the Yxy color 74.7604, 0.3810, 0.3917.

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

74.7604, 0.3810, 0.3917

Protanopia

74.7618, 0.3689, 0.3957

Deuteranopia

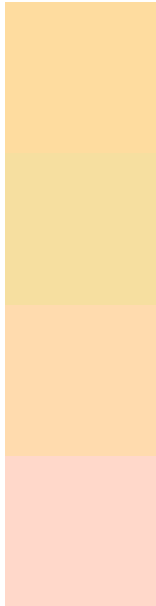
74.7802, 0.3659, 0.3661



Tritanopia

74.8992, 0.3340, 0.3160

Trichromacy



Original Color

74.7604, 0.3810, 0.3917

Protanomaly

74.9062, 0.3730, 0.3950

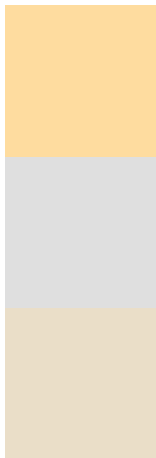
Deuteranomaly

74.9790, 0.3714, 0.3753

Tritanomaly

74.6360, 0.3518, 0.3434

Monochromacy



Original Color

74.7604, 0.3810, 0.3917

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.9051, 0.3363, 0.3526

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7604, 0.3810, 0.3917 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, 220, 159)` looks like.

```
.text, #text, p{  
    color:rgb(254, 220, 159)  
}
```

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, 220, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 220, 159) }
```

Border

The CSS property to change the border of an element to Yxy 74.7604, 0.3810, 0.3917 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, 220, 159) }
```

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

```
.border{ border-color:rgb(254, 220, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 220, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 220, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 220, 159);  
box-shadow:4px 4px 4px 4px rgb(254, 220,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7604, 0.3810, 0.3917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 220, 159) }
```

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

```
.background{ background-color: rgb(254,  
220, 159) }
```

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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