

Converting Colors

$Y_{xy}(75.0790, 0.3614, 0.3732)$

Have a look what the booklet for
Yxy(75.0790, 0.3614, 0.3732)
contains.

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Color

Yxy(74.9240, 0.3619, 0.3729)

Conversions

Conversions Part 1

Format	Color
Hex	F8DDB3
RGB	248, 221, 179
RGB Percent	97%, 87%, 70%
CMY	0.0273, 0.1334, 0.2980
CMYK	0.00, 0.11, 0.28, 0.03
HSL	36°, 83%, 84%
HSV	36°, 28%, 97%
XYZ	72.7139, 74.9240, 53.2846
YIQ	224.2850, 29.5740, -7.3380

Conversions

Conversions Part 2

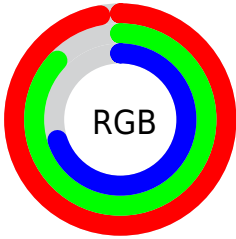
Format	Color
RYB	223, 248, 179
Decimal	16309683
CIELab	89.36, 3.17, 24.04
CIElCh	89, 24.251, 82.493
Yxy	74.9240, 0.3619, 0.3729
Android (android.graphics.Color)	4294499763 (0xFFF8DDB3)
YUV	224.2850, -22.3255, 20.7981
Hunter-Lab	86.5587, -1.5282, 24.0927

Details

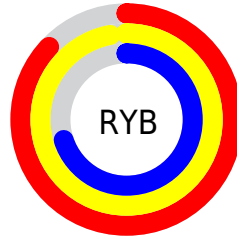
The Yxy color **74.9240, 0.3619, 0.3729** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.5331, 0.2672, 0.2807**, and the grayscale version is **74.9076, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **39.8552, 0.3735, 0.3828** is the 20% darker color. If you saturate the color by 10%, you get **69.0290, 0.3830, 0.3892**, and if you desaturate by 10%, it is **81.3034, 0.3425, 0.3566**.

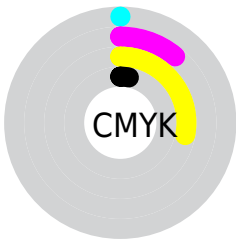
Distribution



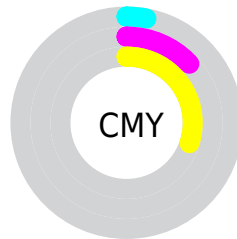
- Red (97%)
- Green (87%)
- Blue (70%)



- Red (87%)
- Yellow (97%)
- Blue (70%)



- Cyan (0%)
- Magenta (11%)
- Yellow (28%)
- Black (3%)





- Cyan (3%)
- Magenta (13%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.9240, 0.3619, 0.3729 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 74.9240, 0.3619, 0.3729 by changing the saturation by 10% instead.

 74.9240, 0.3619,
0.3729

 74.9240, 0.3619,
0.3729


477.6563, 0.3393,
0.3530

 55.5506, 0.3670,
0.3773


 126.2048, 0.3541,
0.3661

 39.8427, 0.3732,
0.3827


158.8810, 0.3511,
0.3634

 27.4160, 0.3811,
0.3894


196.7602, 0.3484,
0.3611

 17.8859, 0.3911,
0.3979

240.2269, 0.3461,
0.3590

 10.8681, 0.4045,
0.4091

289.6655, 0.3441,
0.3573

 5.9782, 0.4228,
0.4239

345.4603, 0.3423,

 2.8318, 0.4511,

0.3557

0.4462

407.9958, 0.3407,
0.3542

■ 1.0446, 0.5087,
0.4913

■ 0.0000, 1.0000,
0.0000

■ 74.9240, 0.3619,
0.3729

■ 74.9240, 0.3619,
0.3729

■ 69.0290, 0.3830,
0.3892

■ 81.3034, 0.3425,
0.3566

■ 63.5933, 0.4055,
0.4047

■ 88.1706, 0.3251,
0.3408

■ 58.6049, 0.4288,
0.4184

■ 95.5423, 0.3095,
0.3258

■ 54.0465, 0.4519,
0.4291

■ 98.7022, 0.3084,
0.3290

■ 49.8996, 0.4736,
0.4357

■ 46.1427, 0.4927,
0.4372

■ 42.7490, 0.5082,
0.4333

■ 42.0516, 0.5114,
0.4321

Harmonies

Analogous

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



74.9240, 0.3704, 0.3540



74.9240, 0.3619, 0.3729



74.9240, 0.3401, 0.3807

Triad

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



74.9240, 0.3619, 0.3729



74.9240, 0.2651, 0.3246



74.9240, 0.3117, 0.2896

Complementary

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



74.9240, 0.3619, 0.3729



60.5331, 0.2672, 0.2807

Split Complementary

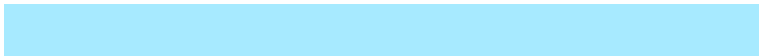
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.9240, 0.2842, 0.2814



74.9240, 0.3619, 0.3729



74.9240, 0.2582, 0.3000

Square

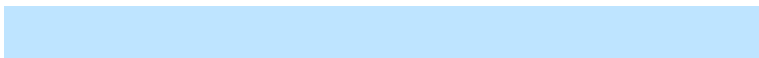
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9240, 0.3619, 0.3729



74.9240, 0.2843, 0.3521



74.9240, 0.2650, 0.2848



74.9240, 0.3407, 0.3071

Rectangle

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



74.9240, 0.3619, 0.3729



74.9240, 0.3213, 0.3775



74.9240, 0.2650, 0.2848



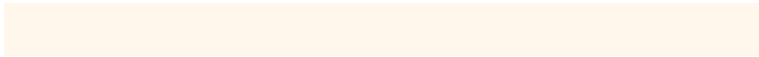
74.9240, 0.3020, 0.2857

Sweetspot

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



74.9274, 0.3619, 0.3729



93.7616, 0.3254, 0.3411



56.6953, 0.3495, 0.3000



19.8260, 0.3279, 0.3434



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.



74.9274, 0.3619, 0.3729



76.4551, 0.3727, 0.3814



89.1331, 0.3501, 0.3999



18.9824, 0.3279, 0.3434



22.9909, 0.5095, 0.4336



2.3356, 0.4958, 0.4445

Inverse Universe

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



60.5331, 0.2672, 0.2807



58.9595, 0.2581, 0.2700



49.4546, 0.2688, 0.2494



17.7584, 0.2979, 0.3142



8.5485, 0.1677, 0.1236



0.9913, 0.1742, 0.1471

Previews

White Background



This preview shows how the Yxy color 74.9240, 0.3619, 0.3729 looks on a white background.

Color Contrast Check

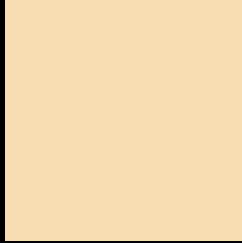
Large Text (above 18pt) WCAG AA × Fail

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 74.9240, 0.3619, 0.3729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

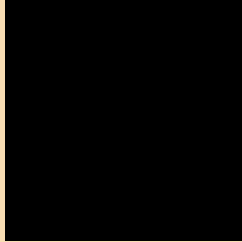
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.9240, 0.3619, 0.3729

Background



This preview shows how black text looks on a background with the Yxy color 74.9240, 0.3619, 0.3729.



This preview shows how white text looks on a background with the Yxy color 74.9240, 0.3619, 0.3729.

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

74.9240, 0.3619, 0.3729

Protanopia

74.8246, 0.3521, 0.3750

Deuteranopia

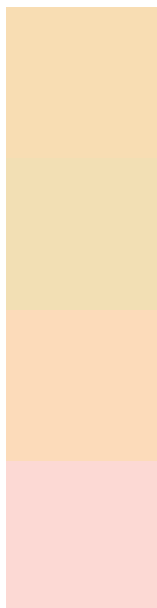
75.1205, 0.3601, 0.3578



Tritanopia

74.9335, 0.3304, 0.3120

Trichromacy



Original Color

74.9240, 0.3619, 0.3729

Protanomaly

74.9479, 0.3561, 0.3746

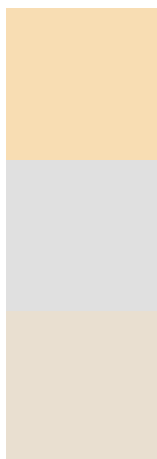
Deuteranomaly

74.9037, 0.3605, 0.3632

Tritanomaly

75.0746, 0.3421, 0.3342

Monochromacy



Original Color

74.9240, 0.3619, 0.3729

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.6531, 0.3299, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9240, 0.3619, 0.3729 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, 221, 179)` looks like.

```
.text, #text, p{  
    color:rgb(248, 221, 179)  
}
```

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, 221, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 221, 179) }
```

Border

The CSS property to change the border of an element to Yxy 74.9240, 0.3619, 0.3729 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, 221, 179) }
```

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

```
.border{ border-color:rgb(248, 221, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 221, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 221, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 221, 179);  
box-shadow:4px 4px 4px 4px rgb(248, 221,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9240, 0.3619, 0.3729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 221, 179) }
```

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

```
.background{ background-color: rgb(248,  
221, 179) }
```

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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