

Converting Colors

$Y_{xy}(74.2204, 0.3850, 0.3944)$

Have a look what the booklet for
Yxy(74.2204, 0.3850, 0.3944)
contains.

Yxy(74.2896, 0.3849, 0.3945)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.2896, 0.3849, 0.3945)

Conversions

Conversions Part 1

Format	Color
Hex	FFDB9B
RGB	255, 219, 155
RGB Percent	100%, 86%, 61%
CMY	0.0001, 0.1411, 0.3920
CMYK	0.00, 0.14, 0.39, 0.00
HSL	38°, 100%, 80%
HSV	38°, 39%, 100%
XYZ	72.4818, 74.2896, 41.5419
YIQ	222.4680, 42.0000, -12.2720

Conversions

Conversions Part 2

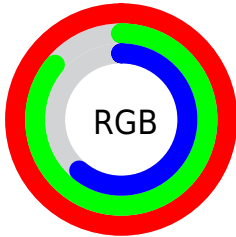
Format	Color
R _Y B	211, 255, 155
Decimal	16767899
CIE Lab	89.06, 3.97, 36.08
CIE LCh	89, 36.297, 83.726
Yxy	74.2896, 0.3849, 0.3945
Android (android.graphics.Color)	4294957979 (0xFFFFDB9B)
YUV	222.4680, -33.2617, 28.5306
Hunter-Lab	86.1914, -0.7272, 31.7578

Details

The Yxy color **74.2896, 0.3849, 0.3945** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.4450, 0.2467, 0.2528**, and the grayscale version is **73.6145, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4331, 0.3394, 0.3731**, and **39.4005, 0.4014, 0.4081** is the 20% darker color. If you saturate the color by 10%, you get **68.8690, 0.4068, 0.4105**, and if you desaturate by 10%, it is **80.1618, 0.3641, 0.3775**.

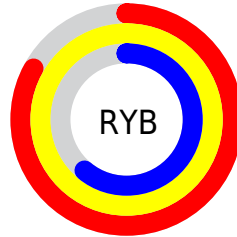
Distribution



Red (100%)

Green (86%)

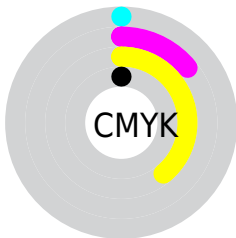
Blue (61%)



Red (83%)

Yellow (100%)

Blue (61%)

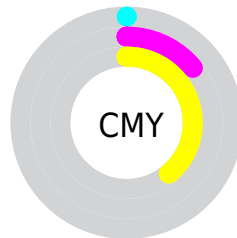


Cyan (0%)

Magenta (14%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2896, 0.3849, 0.3945 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 74.2896, 0.3849, 0.3945 by changing the saturation by 10% instead.


 74.2896, 0.3849,
0.3945

 74.2896, 0.3849,
0.3945


475.4723, 0.3520,
0.3651

 55.0311, 0.3922,
0.4008


 125.3063, 0.3737,
0.3846

 39.4266, 0.4009,
0.4084


 157.8332, 0.3692,
0.3806

 27.0918, 0.4118,
0.4177


195.5517, 0.3654,
0.3772

 17.6422, 0.4253,
0.4290

238.8463, 0.3620,
0.3742

 10.6934, 0.4423,
0.4428

288.1012, 0.3591,
0.3715

 5.8611, 0.4639,
0.4593

343.7009, 0.3565,

 2.7608, 0.5067,

0.3692

0.4933

406.0298, 0.3541,
0.3671

■ 1.0082, 0.5143,
0.4857

■ 0.0000, 0.0000,
0.0000

■ 74.2896, 0.3849,
0.3945

■ 74.2896, 0.3849,
0.3945

■ 68.8690, 0.4068,
0.4105

■ 80.1618, 0.3641,
0.3775

■ 63.8739, 0.4290,
0.4246

■ 86.4897, 0.3449,
0.3604

■ 59.2907, 0.4506,
0.4354

■ 93.2905, 0.3273,
0.3437

■ 55.1004, 0.4705,
0.4419

99.9944, 0.3127,
0.3290

■ 51.2810, 0.4876,
0.4433

■ 47.8017, 0.5014,
0.4397

■ 47.5343, 0.5024,
0.4393

Harmonies

Analogous

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



74.2896, 0.3995, 0.3658



74.2896, 0.3849, 0.3945



74.2896, 0.3510, 0.4075

Triad

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



74.2896, 0.3849, 0.3945



74.2896, 0.2416, 0.3195



74.2896, 0.3124, 0.2724

Complementary

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



74.2896, 0.3849, 0.3945



51.4450, 0.2467, 0.2528

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.



74.2896, 0.2715, 0.2597



74.2896, 0.3849, 0.3945



74.2896, 0.2329, 0.2835

Square

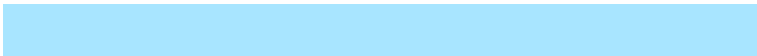
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.2896, 0.3849, 0.3945



74.2896, 0.2685, 0.3623



74.2896, 0.2434, 0.2629



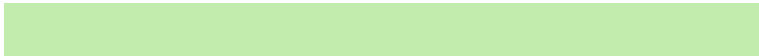
74.2896, 0.3562, 0.2978

Rectangle

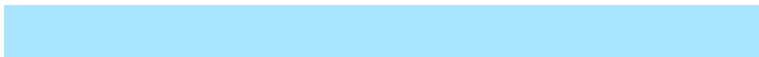
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.2896, 0.3849, 0.3945



74.2896, 0.3227, 0.4029



74.2896, 0.2434, 0.2629



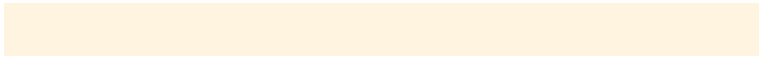
74.2896, 0.2979, 0.2666

Sweetspot

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



74.2931, 0.3849, 0.3945



91.3596, 0.3320, 0.3483



48.4986, 0.3746, 0.2910



19.3624, 0.3343, 0.3505



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.



74.2931, 0.3849, 0.3945



70.0415, 0.4019, 0.4071



92.6833, 0.3625, 0.4298



19.9269, 0.3278, 0.3442



25.1373, 0.5007, 0.4406



2.6547, 0.4889, 0.4500

Inverse Universe

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



51.4450, 0.2467, 0.2528



44.3309, 0.2328, 0.2343



39.0348, 0.2490, 0.2113



18.4473, 0.2979, 0.3133



8.0049, 0.1651, 0.1145



0.9775, 0.1714, 0.1369

Previews

White Background



This preview shows how the Yxy color 74.2896, 0.3849, 0.3945 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 74.2896, 0.3849, 0.3945 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 74.2896, 0.3849, 0.3945

Background



This preview shows how black text looks on a background with the Yxy color 74.2896, 0.3849, 0.3945.



This preview shows how white text looks on a background with the Yxy color 74.2896, 0.3849, 0.3945.

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

74.2896, 0.3849, 0.3945

Protanopia

74.6229, 0.3716, 0.3998

Deuteranopia

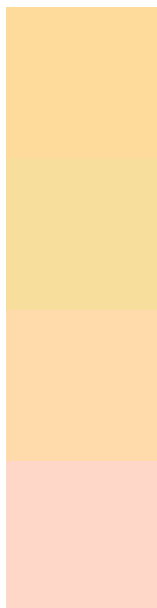
74.1404, 0.3684, 0.3682



Tritanopia

74.3395, 0.3348, 0.3160

Trichromacy



Original Color

74.2896, 0.3849, 0.3945

Protanomaly

74.4170, 0.3769, 0.3980

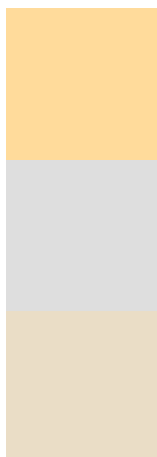
Deuteranomaly

74.3051, 0.3746, 0.3784

Tritanomaly

74.0310, 0.3535, 0.3444

Monochromacy



Original Color

74.2896, 0.3849, 0.3945

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.2825, 0.3378, 0.3538

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2896, 0.3849, 0.3945 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, 219, 155)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 155)  
}
```

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, 219, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 155) }
```

Border

The CSS property to change the border of an element to Yxy 74.2896, 0.3849, 0.3945 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, 219, 155) }
```

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

```
.border{ border-color:rgb(255, 219, 155) }
```

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

Here you see how a box with a 4 pixel rgb(255, 219, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 155);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2896, 0.3849, 0.3945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 155) }
```

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

```
.background{ background-color: rgb(255,  
219, 155) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor