

Converting Colors

$Yxy(73.8334, 0.3896, 0.4004)$

Have a look what the booklet for
Yxy(73.8334, 0.3896, 0.4004)
contains.

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Color

Yxy(74.0930, 0.3891, 0.4004)

Conversions

Conversions Part 1

Format	Color
Hex	FFDB95
RGB	255, 219, 149
RGB Percent	100%, 86%, 58%
CMY	0.0000, 0.1412, 0.4156
CMYK	0.00, 0.14, 0.42, 0.00
HSL	40°, 100%, 79%
HSV	40°, 42%, 100%
XYZ	72.0020, 74.0930, 38.9525
YIQ	221.7840, 43.9260, -14.1380

Conversions

Conversions Part 2

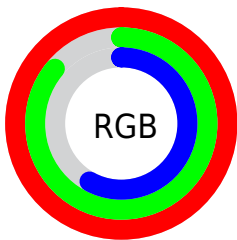
Format	Color
RYB	204, 255, 149
Decimal	16767893
CIELab	88.97, 3.36, 39.00
CIELCh	89, 39.143, 85.081
Yxy	74.0930, 0.3891, 0.4004
Android (android.graphics.Color)	4294957973 (0xFFFFDB95)
YUV	221.7840, -35.8825, 29.1304
Hunter-Lab	86.0773, -1.3235, 33.4236

Details

The Yxy color **74.0930, 0.3891, 0.4004** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.3237, 0.2420, 0.2446**, and the grayscale version is **73.1229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1396, 0.3430, 0.3790**, and **39.2843, 0.4065, 0.4152** is the 20% darker color. If you saturate the color by 10%, you get **68.9631, 0.4105, 0.4165**, and if you desaturate by 10%, it is **79.6382, 0.3684, 0.3831**.

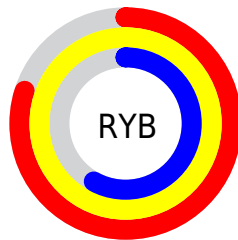
Distribution



Red (100%)

Green (86%)

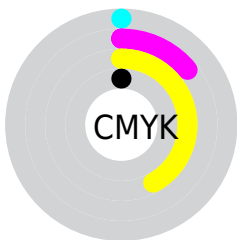
Blue (58%)



Red (80%)

Yellow (100%)

Blue (58%)

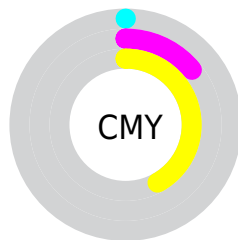


Cyan (0%)

Magenta (14%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.0930, 0.3891, 0.4004 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 74.0930, 0.3891, 0.4004 by changing the saturation by 10% instead.


 74.0930, 0.3891,
0.4004


 74.0930, 0.3891,
0.4004


474.7943, 0.3544,
0.3685

 54.8702, 0.3967,
0.4073


 125.0276, 0.3773,
0.3896

 39.2978, 0.4058,
0.4154


 157.5082, 0.3726,
0.3854

 26.9915, 0.4170,
0.4253


195.1768, 0.3686,
0.3816

 17.5668, 0.4308,
0.4373

238.4179, 0.3650,
0.3783

 10.6394, 0.4479,
0.4518

287.6158, 0.3619,
0.3754

 5.8249, 0.4694,
0.4690

343.1549, 0.3591,

 2.7389, 0.5038,

0.3729

0.4962

405.4196, 0.3567,
0.3705

0.9970, 0.5103,
0.4897

0.0000, 0.0000,
0.0000

74.0930, 0.3891,
0.4004

74.0930, 0.3891,
0.4004

68.9631, 0.4105,
0.4165

79.6382, 0.3684,
0.3831

64.2306, 0.4320,
0.4303

85.6103, 0.3490,
0.3655

59.8796, 0.4525,
0.4406

92.0233, 0.3312,
0.3481

55.8912, 0.4709,
0.4463

98.8898, 0.3151,
0.3315

■ 52.2434, 0.4862,
0.4469

100.0000, 0.3127,
0.3290

■ 49.4021, 0.4968,
0.4437

Harmonies

Analogous

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



74.0930, 0.4062, 0.3697



74.0930, 0.3891, 0.4004



74.0930, 0.3517, 0.4139

Triad

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



74.0930, 0.3891, 0.4004



74.0930, 0.2354, 0.3164



74.0930, 0.3144, 0.2693

Complementary

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



74.0930, 0.3891, 0.4004



48.3237, 0.2420, 0.2446

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.



74.0930, 0.2701, 0.2550



74.0930, 0.3891, 0.4004



74.0930, 0.2271, 0.2783

Square

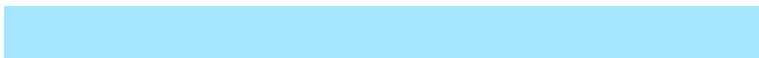
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0930, 0.3891, 0.4004



74.0930, 0.2633, 0.3630



74.0930, 0.2393, 0.2574



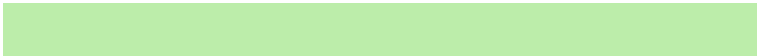
74.0930, 0.3616, 0.2969

Rectangle

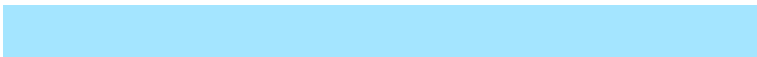
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.0930, 0.3891, 0.4004



74.0930, 0.3211, 0.4084



74.0930, 0.2393, 0.2574



74.0930, 0.2987, 0.2629

Sweetspot

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



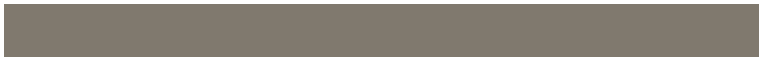
74.0939, 0.3891, 0.4004



91.7293, 0.3320, 0.3489



46.3152, 0.3818, 0.2905



19.4496, 0.3342, 0.3511



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.



74.0939, 0.3891, 0.4004



69.7350, 0.4072, 0.4141



92.0599, 0.3640, 0.4362



19.9903, 0.3278, 0.3446



26.1016, 0.4952, 0.4450



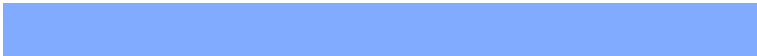
2.7441, 0.4843, 0.4537

Inverse Universe

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



48.3237, 0.2420, 0.2446



40.8265, 0.2268, 0.2237



36.7163, 0.2456, 0.2035



18.3863, 0.2979, 0.3129



7.5500, 0.1637, 0.1092



0.9281, 0.1699, 0.1315

Previews

White Background



This preview shows how the Yxy color 74.0930, 0.3891, 0.4004 looks on a white background.

Color Contrast Check

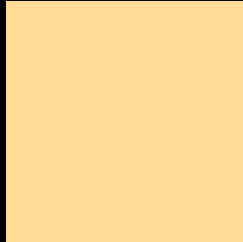
Large Text (above 18pt) WCAG AA × Fail

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 74.0930, 0.3891, 0.4004 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 74.0930, 0.3891, 0.4004

Background



This preview shows how black text looks on a background with the Yxy color 74.0930, 0.3891, 0.4004.



This preview shows how white text looks on a background with the Yxy color 74.0930, 0.3891, 0.4004.

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

74.0930, 0.3891, 0.4004

Protanopia

74.4229, 0.3757, 0.4060

Deuteranopia

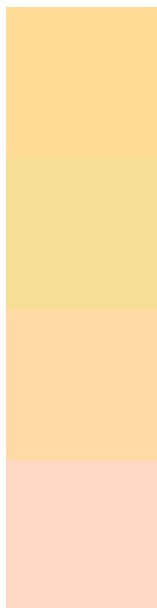
74.0600, 0.3699, 0.3702



Tritanopia

74.2847, 0.3355, 0.3170

Trichromacy



Original Color

74.0930, 0.3891, 0.4004

Protanomaly

74.2187, 0.3810, 0.4040

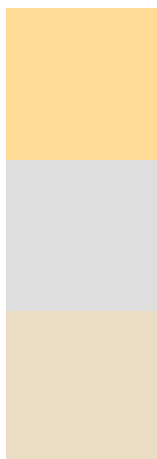
Deuteranomaly

74.1928, 0.3768, 0.3815

Tritanomaly

73.8921, 0.3557, 0.3475

Monochromacy



Original Color

74.0930, 0.3891, 0.4004

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.1455, 0.3399, 0.3570

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0930, 0.3891, 0.4004 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, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 149)  
}
```

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, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 149) }
```

Border

The CSS property to change the border of an element to Yxy 74.0930, 0.3891, 0.4004 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, 149) }
```

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

```
.border{ border-color:rgb(255, 219, 149) }
```

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, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0930, 0.3891, 0.4004 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, 149) }
```

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

```
.background{ background-color: rgb(255,  
219, 149) }
```

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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