

Converting Colors

$Yxy(74.3503, 0.3879, 0.3994)$

Have a look what the booklet for
Yxy(74.3503, 0.3879, 0.3994)
contains.

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Color

Yxy(74.1250, 0.3884, 0.3995)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFDB96 |
| RGB | 255, 219, 150 |
| RGB Percent | 100%, 86%, 59% |
| CMY | 0.0001, 0.1411, 0.4118 |
| CMYK | 0.00, 0.14, 0.41, 0.00 |
| HSL | 39°, 100%, 79% |
| HSV | 39°, 41%, 100% |
| XYZ | 72.0655, 74.1250, 39.3540 |
| YIQ | 221.8980, 43.6050, -13.8270 |

Conversions

Conversions Part 2

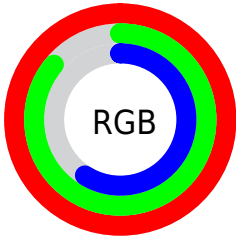
| Format | Color |
|-------------------------------------|---|
| RYB | 205, 255, 150 |
| Decimal | 16767894 |
| CIELab | 88.98, 3.42, 38.54 |
| CIELCh | 89, 38.690, 84.921 |
| Yxy | 74.1250, 0.3884, 0.3995 |
| Android (android.graphics.Color) | 4294957974 (0xFFFFDB96) |
| YUV | 221.8980, -35.4457, 29.0305 |
| Hunter-Lab | 86.0959, -1.2566, 33.1660 |

Details

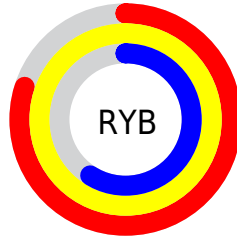
The Yxy color **74.1250, 0.3884, 0.3995** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.7855, 0.2427, 0.2459**, and the grayscale version is **73.2017, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1878, 0.3424, 0.3780**, and **39.3031, 0.4057, 0.4141** is the 20% darker color. If you saturate the color by 10%, you get **68.9580, 0.4099, 0.4156**, and if you desaturate by 10%, it is **79.7165, 0.3677, 0.3822**.

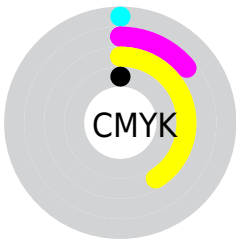
Distribution



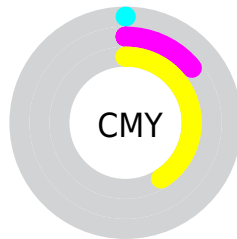
- Red (100%)
- Green (86%)
- Blue (59%)



- Red (80%)
- Yellow (100%)
- Blue (59%)



- Cyan (0%)
- Magenta (14%)
- Yellow (41%)
- Black (0%)





- Cyan (0%)
- Magenta (14%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.1250, 0.3884, 0.3995 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 74.1250, 0.3884, 0.3995 by changing the saturation by 10% instead.


 74.1250, 0.3884,
0.3995


 74.1250, 0.3884,
0.3995

474.9047, 0.3540,
0.3679

 54.8964, 0.3959,
0.4063


 125.0730, 0.3767,
0.3889

 39.3187, 0.4050,
0.4144


 157.5611, 0.3721,
0.3846

 27.0078, 0.4161,
0.4242


195.2379, 0.3681,
0.3809

 17.5791, 0.4299,
0.4361

238.4876, 0.3645,
0.3777

 10.6482, 0.4470,
0.4505

287.6948, 0.3614,
0.3748

 5.8308, 0.4684,
0.4676

343.2438, 0.3587,

 2.7425, 0.5041,

0.3723

0.4959

405.5189, 0.3562,
0.3700

0.9988, 0.5108,
0.4892

0.0000, 0.0000,
0.0000

74.1250, 0.3884,
0.3995

74.1250, 0.3884,
0.3995

68.9580, 0.4099,
0.4156

79.7165, 0.3677,
0.3822

64.1897, 0.4315,
0.4294

85.7363, 0.3483,
0.3647

59.8069, 0.4521,
0.4398

92.2012, 0.3306,
0.3474

55.7906, 0.4707,
0.4457

99.1236, 0.3145,
0.3309

■ 52.1189, 0.4863,
0.4464

99.9933, 0.3127,
0.3290

■ 49.1375, 0.4975,
0.4431

Harmonies

Analogous

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



74.1250, 0.4051, 0.3691



74.1250, 0.3884, 0.3995



74.1250, 0.3516, 0.4129

Triad

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



74.1250, 0.3884, 0.3995



74.1250, 0.2364, 0.3168



74.1250, 0.3142, 0.2699

Complementary

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



74.1250, 0.3884, 0.3995



48.7855, 0.2427, 0.2459

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.



74.1250, 0.2703, 0.2558



74.1250, 0.3884, 0.3995



74.1250, 0.2280, 0.2791

Square

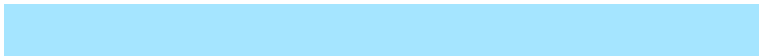
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.1250, 0.3884, 0.3995



74.1250, 0.2641, 0.3629



74.1250, 0.2399, 0.2583



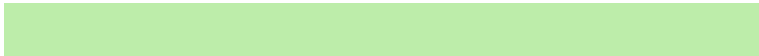
74.1250, 0.3608, 0.2971

Rectangle

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



74.1250, 0.3884, 0.3995



74.1250, 0.3213, 0.4075



74.1250, 0.2399, 0.2583



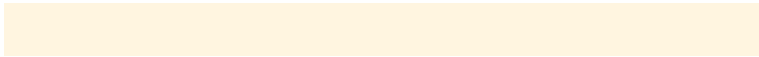
74.1250, 0.2986, 0.2635

Sweetspot

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



74.1285, 0.3884, 0.3995



91.6803, 0.3320, 0.3488



46.6356, 0.3809, 0.2908



19.4381, 0.3342, 0.3510



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.



74.1285, 0.3884, 0.3995



70.0703, 0.4052, 0.4122



92.0873, 0.3636, 0.4352



19.9819, 0.3278, 0.3446



25.9721, 0.4959, 0.4444



2.7321, 0.4849, 0.4532

Inverse Universe

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



48.7855, 0.2427, 0.2459



41.7916, 0.2287, 0.2266



37.1015, 0.2464, 0.2049



18.3944, 0.2979, 0.3129



7.6084, 0.1639, 0.1098



0.9345, 0.1701, 0.1322

Previews

White Background



This preview shows how the Yxy color 74.1250, 0.3884, 0.3995 looks on a white background.

Color Contrast Check

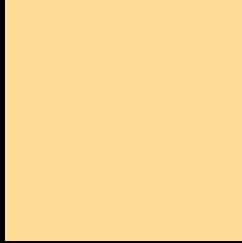
Large Text (above 18pt) WCAG AA × Fail

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 74.1250, 0.3884, 0.3995 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 74.1250, 0.3884, 0.3995

Background



This preview shows how black text looks on a background with the Yxy color 74.1250, 0.3884, 0.3995.



This preview shows how white text looks on a background with the Yxy color 74.1250, 0.3884, 0.3995.

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

74.1250, 0.3884, 0.3995

Protanopia

74.4556, 0.3750, 0.4050

Deuteranopia

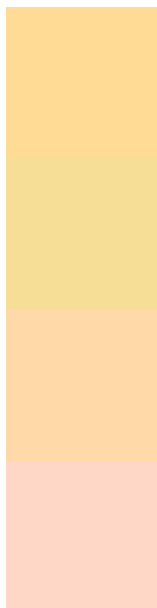
74.1001, 0.3691, 0.3692



Tritanopia

74.2847, 0.3355, 0.3170

Trichromacy



Original Color

74.1250, 0.3884, 0.3995

Protanomaly

74.2511, 0.3803, 0.4030

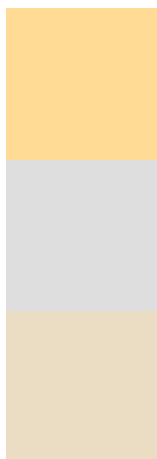
Deuteranomaly

74.2300, 0.3761, 0.3804

Tritanomaly

73.9381, 0.3549, 0.3465

Monochromacy



Original Color

74.1250, 0.3884, 0.3995

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.1909, 0.3392, 0.3560

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1250, 0.3884, 0.3995 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 150)  
}
```

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, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 150) }
```

Border

The CSS property to change the border of an element to Yxy 74.1250, 0.3884, 0.3995 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, 150) }
```

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

```
.border{ border-color:rgb(255, 219, 150) }
```

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, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1250, 0.3884, 0.3995 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, 150) }
```

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

```
.background{ background-color: rgb(255,  
219, 150) }
```

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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