

Converting Colors

$Y_{xy}(73.6980, 0.3856, 0.4007)$

Have a look what the booklet for
Yxy(73.6980, 0.3856, 0.4007)
contains.

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Color

Yxy(73.5605, 0.3861, 0.4001)

Conversions

Conversions Part 1

Format	Color
Hex	FCDB96
RGB	252, 219, 150
RGB Percent	99%, 86%, 59%
CMY	0.0117, 0.1412, 0.4118
CMYK	0.00, 0.13, 0.40, 0.01
HSL	41°, 94%, 79%
HSV	41°, 40%, 99%
XYZ	70.9865, 73.5605, 39.3083
YIQ	221.0010, 41.8170, -14.4630

Conversions

Conversions Part 2

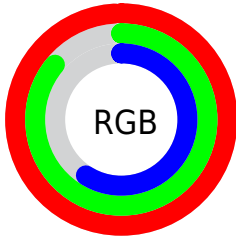
Format	Color
R _Y B	199, 252, 150
Decimal	16571286
CIE Lab	88.71, 2.29, 38.13
CIE LCh	89, 38.202, 86.564
Yxy	73.5605, 0.3861, 0.4001
Android (android.graphics.Color)	4294761366 (0xFFFCDB96)
YUV	221.0010, -35.0035, 27.1861
Hunter-Lab	85.7674, -2.3551, 32.8639

Details

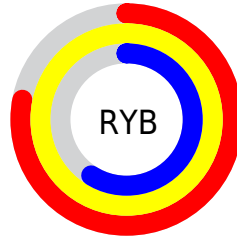
The Yxy color **73.5605, 0.3861, 0.4001** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.3867, 0.2437, 0.2452**, and the grayscale version is **72.5386, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1878, 0.3424, 0.3780**, and **38.9021, 0.4026, 0.4152** is the 20% darker color. If you saturate the color by 10%, you get **68.6851, 0.4070, 0.4167**, and if you desaturate by 10%, it is **78.8259, 0.3659, 0.3824**.

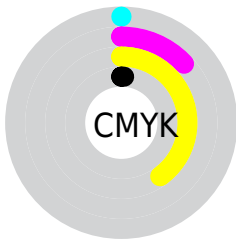
Distribution



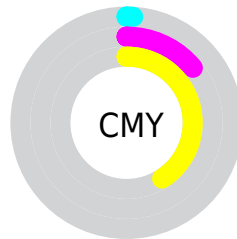
- Red (99%)
- Green (86%)
- Blue (59%)



- Red (78%)
- Yellow (99%)
- Blue (59%)



- Cyan (0%)
- Magenta (13%)
- Yellow (40%)
- Black (1%)





- Cyan (1%)
- Magenta (14%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.5605, 0.3861, 0.4001 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 73.5605, 0.3861, 0.4001 by changing the saturation by 10% instead.


 73.5605, 0.3861,
0.4001

 73.5605, 0.3861,
0.4001


472.9551, 0.3527,
0.3681

 54.4344, 0.3934,
0.4070


 124.2726, 0.3747,
0.3893

 38.9491, 0.4022,
0.4153


 156.6274, 0.3703,
0.3850

 26.7201, 0.4130,
0.4254


194.1605, 0.3664,
0.3812

 17.3631, 0.4264,
0.4377

237.2564, 0.3630,
0.3780

 10.4937, 0.4430,
0.4528

286.2994, 0.3600,
0.3751

 5.7275, 0.4637,
0.4709

341.6739, 0.3573,

 2.6801, 0.4987,

0.3725

0.5013

403.7643, 0.3549,
0.3702

■ 0.9671, 0.5033,
0.4967

■ 0.0000, 0.0000,
0.0000

■ 73.5605, 0.3861,
0.4001

■ 73.5605, 0.3861,
0.4001

■ 68.6851, 0.4070,
0.4167

■ 78.8259, 0.3659,
0.3824

■ 64.1752, 0.4280,
0.4311

■ 84.4842, 0.3469,
0.3644

■ 60.0185, 0.4479,
0.4421

■ 90.5512, 0.3293,
0.3467

■ 56.1976, 0.4659,
0.4487

■ 97.0384, 0.3134,
0.3298

■ 52.6919, 0.4809,
0.4502

■ 99.4393, 0.3109,
0.3290

■ 49.6189, 0.4923,
0.4473

Harmonies

Analogous

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



73.5605, 0.4040, 0.3707



73.5605, 0.3861, 0.4001



73.5605, 0.3488, 0.4121

Triad

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



73.5605, 0.3861, 0.4001



73.5605, 0.2361, 0.3146



73.5605, 0.3168, 0.2716

Complementary

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



73.5605, 0.3861, 0.4001



47.3867, 0.2437, 0.2452

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.



73.5605, 0.2729, 0.2568



73.5605, 0.3861, 0.4001



73.5605, 0.2290, 0.2780

Square

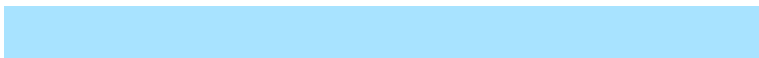
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.5605, 0.3861, 0.4001



73.5605, 0.2626, 0.3601



73.5605, 0.2418, 0.2583



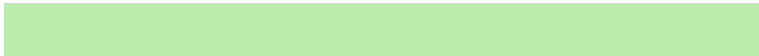
73.5605, 0.3626, 0.2991

Rectangle

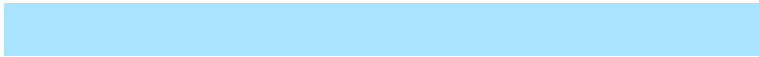
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.5605, 0.3861, 0.4001



73.5605, 0.3188, 0.4057



73.5605, 0.2418, 0.2583



73.5605, 0.3013, 0.2650

Sweetspot

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



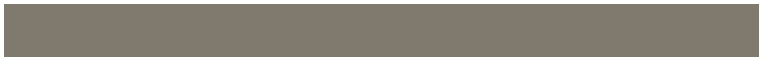
73.5639, 0.3861, 0.4001



92.0266, 0.3319, 0.3494



45.9712, 0.3809, 0.2933



19.5198, 0.3341, 0.3516



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.



73.5639, 0.3861, 0.4001



71.2498, 0.4040, 0.4144



89.5005, 0.3616, 0.4339



19.1881, 0.3277, 0.3450



26.1215, 0.4908, 0.4485



2.6116, 0.4801, 0.4570

Inverse Universe

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



47.3867, 0.2437, 0.2452



40.9035, 0.2281, 0.2236



37.0560, 0.2490, 0.2077



17.5602, 0.2979, 0.3125



7.0065, 0.1626, 0.1052



0.8326, 0.1691, 0.1286

Previews

White Background



This preview shows how the Yxy color 73.5605, 0.3861, 0.4001 looks on a white background.

Color Contrast Check

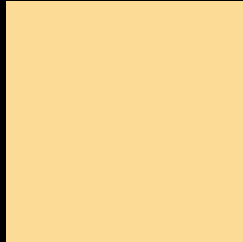
Large Text (above 18pt) WCAG AA × Fail

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 73.5605, 0.3861, 0.4001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

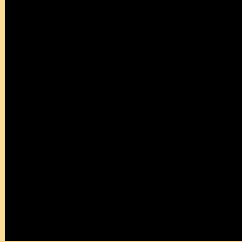
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.5605, 0.3861, 0.4001

Background



This preview shows how black text looks on a background with the Yxy color 73.5605, 0.3861, 0.4001.



This preview shows how white text looks on a background with the Yxy color 73.5605, 0.3861, 0.4001.

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

73.5605, 0.3861, 0.4001

Protanopia

73.7431, 0.3746, 0.4043

Deuteranopia

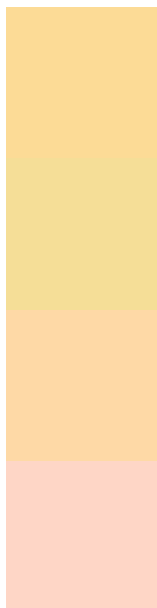
73.4669, 0.3716, 0.3713



Tritanopia

73.2848, 0.3358, 0.3150

Trichromacy



Original Color

73.5605, 0.3861, 0.4001

Protanomaly

73.8894, 0.3788, 0.4035

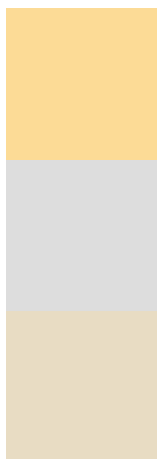
Deuteranomaly

73.4497, 0.3771, 0.3817

Tritanomaly

73.2412, 0.3544, 0.3455

Monochromacy



Original Color

73.5605, 0.3861, 0.4001

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.2823, 0.3386, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5605, 0.3861, 0.4001 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(252, 219, 150)` looks like.

```
.text, #text, p{  
    color:rgb(252, 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(252, 219, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 219, 150) }
```

Border

The CSS property to change the border of an element to Yxy 73.5605, 0.3861, 0.4001 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(252, 219, 150) }
```

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

```
.border{ border-color:rgb(252, 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(252, 219, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 219, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 219, 150);  
box-shadow:4px 4px 4px 4px rgb(252, 219,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5605, 0.3861, 0.4001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 219, 150) }
```

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

```
.background{ background-color: rgb(252,  
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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