

Converting Colors

$Y_{xy}(73.2290, 0.3836, 0.3894)$

Have a look what the booklet for
Yxy(73.2290, 0.3836, 0.3894)
contains.

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Color

Yxy(73.3543, 0.3836, 0.3896)

Conversions

Conversions Part 1

Format	Color
Hex	FFD99E
RGB	255, 217, 158
RGB Percent	100%, 85%, 62%
CMY	0.0000, 0.1490, 0.3804
CMYK	0.00, 0.15, 0.38, 0.00
HSL	36°, 100%, 81%
HSV	36°, 38%, 100%
XYZ	72.2246, 73.3543, 42.7021
YIQ	221.6360, 41.5870, -10.2930

Conversions

Conversions Part 2

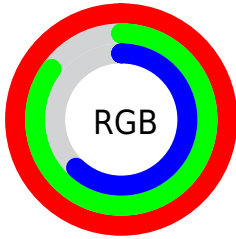
Format	Color
RYB	220, 255, 158
Decimal	16767390
CIELab	88.62, 5.33, 33.98
CIELCh	89, 34.394, 81.078
Yxy	73.3543, 0.3836, 0.3896
Android (android.graphics.Color)	4294957470 (0xFFFFD99E)
YUV	221.6360, -31.3725, 29.2602
Hunter-Lab	85.6471, 0.6432, 30.3920

Details

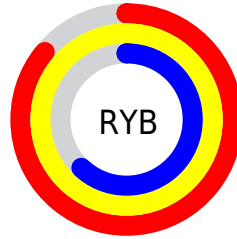
The Yxy color **73.3543, 0.3836, 0.3896** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.9698, 0.2493, 0.2593**, and the grayscale version is **72.9825, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5841, 0.3376, 0.3701**, and **38.7516, 0.3999, 0.4021** is the 20% darker color. If you saturate the color by 10%, you get **67.5740, 0.4062, 0.4051**, and if you desaturate by 10%, it is **79.6354, 0.3624, 0.3733**.

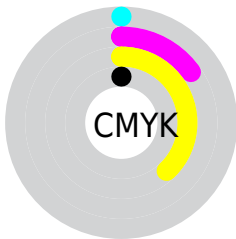
Distribution



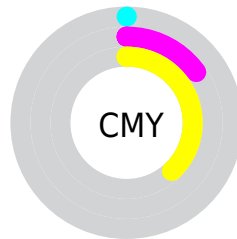
- Red (100%)
- Green (85%)
- Blue (62%)



- Red (86%)
- Yellow (100%)
- Blue (62%)



- Cyan (0%)
- Magenta (15%)
- Yellow (38%)
- Black (0%)





- Cyan (0%)
- Magenta (15%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.3543, 0.3836, 0.3896 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 73.3543, 0.3836, 0.3896 by changing the saturation by 10% instead.


 73.3543, 0.3836,
0.3896

 73.3543, 0.3836,
0.3896


472.2418, 0.3511,
0.3624

 54.2657, 0.3908,
0.3955


 123.9801, 0.3725,
0.3804

 38.8141, 0.3996,
0.4025


 156.2860, 0.3681,
0.3768

 26.6152, 0.4105,
0.4111


193.7666, 0.3643,
0.3736

 17.2844, 0.4242,
0.4216

236.8061, 0.3610,
0.3708

 10.4375, 0.4418,
0.4346

285.7890, 0.3581,
0.3684

 5.6900, 0.4645,
0.4502

341.0996, 0.3555,

 2.6575, 0.5136,

0.3662

0.4864

403.1225, 0.3532,
0.3642

■ 0.9557, 0.5241,
0.4759

■ 0.0000, 0.0000,
0.0000

■ 73.3543, 0.3836,
0.3896

■ 73.3543, 0.3836,
0.3896

■ 67.5740, 0.4062,
0.4051

■ 79.6354, 0.3624,
0.3733

■ 62.2672, 0.4295,
0.4187

■ 86.4226, 0.3430,
0.3570

■ 57.4194, 0.4526,
0.4294

■ 93.7342, 0.3254,
0.3412

■ 53.0102, 0.4743,
0.4358

99.9999, 0.3127,
0.3290

■ 49.0168, 0.4932,
0.4371

■ 45.4100, 0.5087,
0.4331

■ 44.7402, 0.5116,
0.4320

Harmonies

Analogous

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



73.3543, 0.3954, 0.3615



73.3543, 0.3836, 0.3896



73.3543, 0.3527, 0.4033

Triad

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



73.3543, 0.3836, 0.3896



73.3543, 0.2465, 0.3236



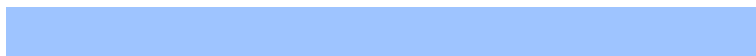
73.3543, 0.3088, 0.2733

Complementary

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



73.3543, 0.3836, 0.3896



53.9698, 0.2493, 0.2593

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.



73.3543, 0.2705, 0.2624



73.3543, 0.3836, 0.3896



73.3543, 0.2364, 0.2883

Square

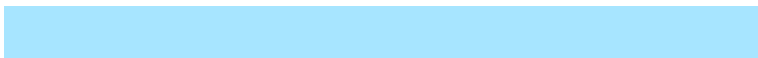
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.3543, 0.3836, 0.3896



73.3543, 0.2736, 0.3641



73.3543, 0.2449, 0.2671



73.3543, 0.3507, 0.2967

Rectangle

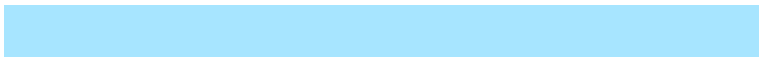
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.3543, 0.3836, 0.3896



73.3543, 0.3261, 0.4003



73.3543, 0.2449, 0.2671



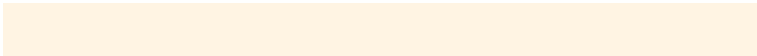
73.3543, 0.2951, 0.2681

Sweetspot

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



73.3577, 0.3836, 0.3896



91.5121, 0.3304, 0.3458



49.7383, 0.3689, 0.2888



19.3731, 0.3328, 0.3479



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.



73.3577, 0.3836, 0.3896



68.7128, 0.4015, 0.4020



93.4551, 0.3633, 0.4261



19.8261, 0.3279, 0.3434



23.6769, 0.5096, 0.4335



2.5181, 0.4965, 0.4439

Inverse Universe

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



53.9698, 0.2493, 0.2593



46.7326, 0.2354, 0.2415



39.9687, 0.2490, 0.2146



18.5448, 0.2979, 0.3141



8.7933, 0.1676, 0.1234



1.0614, 0.1739, 0.1458

Previews

White Background



This preview shows how the Yxy color 73.3543, 0.3836, 0.3896 looks on a white background.

Color Contrast Check

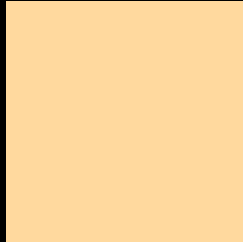
Large Text (above 18pt) WCAG AA × Fail

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 73.3543, 0.3836, 0.3896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

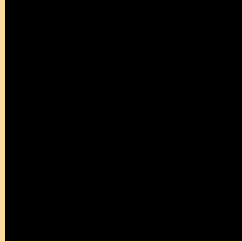
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.3543, 0.3836, 0.3896

Background



This preview shows how black text looks on a background with the Yxy color 73.3543, 0.3836, 0.3896.

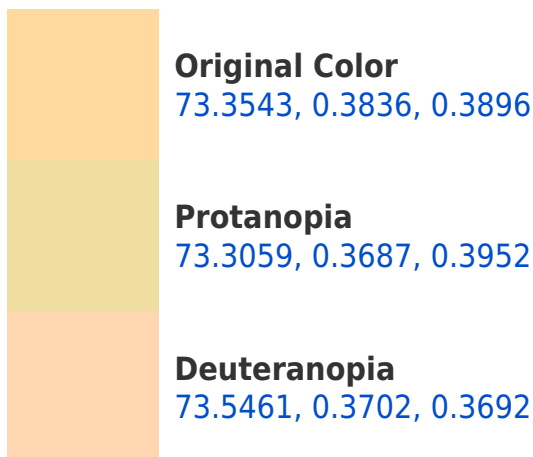


This preview shows how white text looks on a background with the Yxy color 73.3543, 0.3836, 0.3896.

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





Tritanopia

73.2303, 0.3365, 0.3160

Trichromacy



Original Color

73.3543, 0.3836, 0.3896

Protanomaly

73.1021, 0.3740, 0.3933

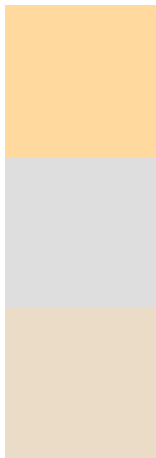
Deuteranomaly

73.2740, 0.3753, 0.3764

Tritanomaly

73.0186, 0.3539, 0.3424

Monochromacy



Original Color

73.3543, 0.3836, 0.3896

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.8023, 0.3373, 0.3516

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3543, 0.3836, 0.3896 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, 217, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 158)  
}
```

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, 217, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 158) }
```

Border

The CSS property to change the border of an element to Yxy 73.3543, 0.3836, 0.3896 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, 217, 158) }
```

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

```
.border{ border-color:rgb(255, 217, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 217, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3543, 0.3836, 0.3896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 158) }
```

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

```
.background{ background-color: rgb(255,  
217, 158) }
```

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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