

Converting Colors

$Y_{xy}(100.0000, 0.4710, 0.3857)$

Have a look what the booklet for
Yxy(100.0000, 0.4710, 0.3857)
contains.

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Color

Yxy(73.7871, 0.3959, 0.4101)

Conversions

Conversions Part 1

Format	Color
Hex	FFDB8B
RGB	255, 219, 139
RGB Percent	100%, 86%, 55%
CMY	0.0000, 0.1412, 0.4550
CMYK	0.00, 0.14, 0.45, 0.00
HSL	41°, 100%, 77%
HSV	41°, 45%, 100%
XYZ	71.2322, 73.7871, 34.9054
YIQ	220.6440, 47.1360, -17.2480

Conversions

Conversions Part 2

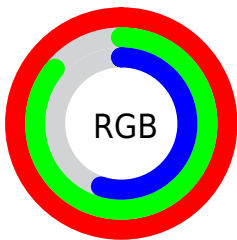
Format	Color
R _Y B	191, 255, 139
Decimal	16767883
CIE Lab	88.82, 2.35, 43.85
CIE LCh	89, 43.910, 86.933
Yxy	73.7871, 0.3959, 0.4101
Android (android.graphics.Color)	4294957963 (0xFFFFDB8B)
YUV	220.6440, -40.2505, 30.1302
Hunter-Lab	85.8994, -2.3027, 36.0370

Details

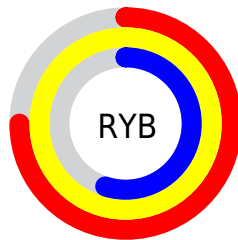
The Yxy color **73.7871, 0.3959, 0.4101** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **43.3571, 0.2341, 0.2306**, and the grayscale version is **72.3062, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6750, 0.3490, 0.3890**, and **38.9748, 0.4137, 0.4270** is the 20% darker color. If you saturate the color by 10%, you get **69.0985, 0.4165, 0.4260**, and if you desaturate by 10%, it is **78.8503, 0.3755, 0.3925**.

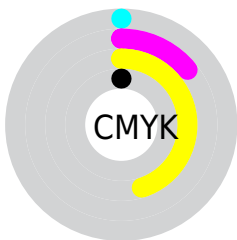
Distribution



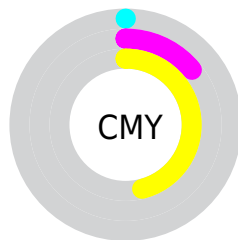
- Red (100%)
- Green (86%)
- Blue (55%)



- Red (75%)
- Yellow (100%)
- Blue (55%)



- Cyan (0%)
- Magenta (14%)
- Yellow (45%)
- Black (0%)




- Cyan (0%)
- Magenta (14%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.7871, 0.3959, 0.4101 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 73.7871, 0.3959, 0.4101 by changing the saturation by 10% instead.


 73.7871, 0.3959,
0.4101

 73.7871, 0.3959,
0.4101


473.7383, 0.3584,
0.3740


 54.6198, 0.4040,
0.4178


 124.5940, 0.3832,
0.3980

 39.0974, 0.4136,
0.4269


 157.0023, 0.3782,
0.3931

 26.8355, 0.4252,
0.4377


 194.5931, 0.3738,
0.3889

 17.4497, 0.4392,
0.4507


237.7509, 0.3700,
0.3852

 10.5557, 0.4561,
0.4658

286.8598, 0.3666,
0.3819

 5.7689, 0.4793,
0.4863

342.3044, 0.3636,

 2.7051, 0.4989,

0.3790

0.5011

404.4691, 0.3609,
0.3763

0.9798, 0.5036,
0.4964

0.0000, 0.0000,
0.0000

73.7871, 0.3959,
0.4101

73.7871, 0.3959,
0.4101

69.0985, 0.4165,
0.4260

78.8503, 0.3755,
0.3925

64.7626, 0.4366,
0.4391

84.2950, 0.3560,
0.3743

60.7652, 0.4551,
0.4482

90.1361, 0.3379,
0.3560

57.0873, 0.4711,
0.4526

96.3857, 0.3212,
0.3383

■ 53.7059, 0.4838,
0.4517

100.0000, 0.3127,
0.3290

■ 52.2667, 0.4887,
0.4502

Harmonies

Analogous

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



73.7871, 0.4173, 0.3760



73.7871, 0.3959, 0.4101



73.7871, 0.3528, 0.4248

Triad

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



73.7871, 0.3959, 0.4101



73.7871, 0.2254, 0.3112



73.7871, 0.3177, 0.2643

Complementary

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



73.7871, 0.3959, 0.4101



43.3571, 0.2341, 0.2306

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.



73.7871, 0.2676, 0.2474



73.7871, 0.3959, 0.4101



73.7871, 0.2178, 0.2699

Square

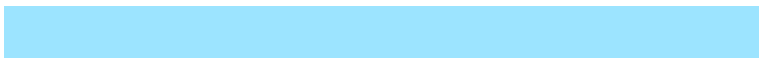
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7871, 0.3959, 0.4101



73.7871, 0.2548, 0.3641



73.7871, 0.2325, 0.2485



73.7871, 0.3705, 0.2953

Rectangle

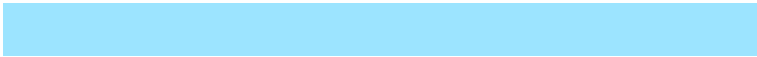
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.7871, 0.3959, 0.4101



73.7871, 0.3183, 0.4177



73.7871, 0.2325, 0.2485



73.7871, 0.2999, 0.2569

Sweetspot

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



73.7894, 0.3959, 0.4101



91.0461, 0.3353, 0.3533



42.8428, 0.3958, 0.2910



19.2077, 0.3390, 0.3572



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.



73.7894, 0.3959, 0.4101



69.3236, 0.4155, 0.4253



90.8302, 0.3656, 0.4472



20.0839, 0.3277, 0.3453



27.5886, 0.4873, 0.4513



2.8809, 0.4776, 0.4590

Inverse Universe

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



43.3571, 0.2341, 0.2306



35.3910, 0.2169, 0.2055



33.1787, 0.2406, 0.1909



18.2970, 0.2979, 0.3121



6.9350, 0.1616, 0.1018



0.8598, 0.1678, 0.1239

Previews

White Background



This preview shows how the Yxy color 73.7871, 0.3959, 0.4101 looks on a white background.

Color Contrast Check

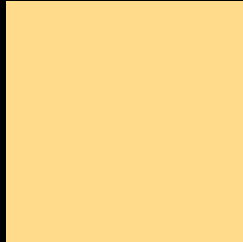
Large Text (above 18pt) WCAG AA × Fail

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 73.7871, 0.3959, 0.4101 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 73.7871, 0.3959, 0.4101

Background



This preview shows how black text looks on a background with the Yxy color 73.7871, 0.3959, 0.4101.



This preview shows how white text looks on a background with the Yxy color 73.7871, 0.3959, 0.4101.

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

73.7871, 0.3959, 0.4101

Protanopia

73.7531, 0.3834, 0.4149

Deuteranopia

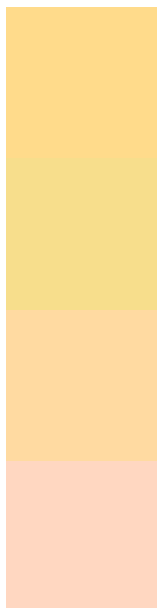
73.9417, 0.3721, 0.3733



Tritanopia

73.7288, 0.3364, 0.3170

Trichromacy



Original Color

73.7871, 0.3959, 0.4101

Protanomaly

73.9102, 0.3876, 0.4139

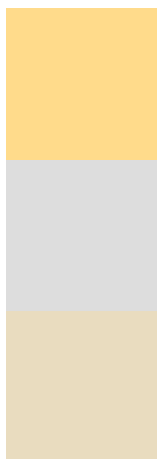
Deuteranomaly

73.9760, 0.3811, 0.3875

Tritanomaly

73.7111, 0.3586, 0.3517

Monochromacy



Original Color

73.7871, 0.3959, 0.4101

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.2716, 0.3422, 0.3605

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7871, 0.3959, 0.4101 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, 139)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 139)  
}
```

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, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 139) }
```

Border

The CSS property to change the border of an element to Yxy 73.7871, 0.3959, 0.4101 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, 139) }
```

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

```
.border{ border-color:rgb(255, 219, 139) }
```

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, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 139);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7871, 0.3959, 0.4101 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, 139) }
```

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

```
.background{ background-color: rgb(255,  
219, 139) }
```

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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