

Converting Colors

$Y_{xy}(100.0000, 0.4676, 0.3835)$

Have a look what the booklet for
Yxy(100.0000, 0.4676, 0.3835)
contains.

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Color

Yxy(73.9062, 0.3932, 0.4063)

Conversions

Conversions Part 1

Format	Color
Hex	FFDB8F
RGB	255, 219, 143
RGB Percent	100%, 86%, 56%
CMY	0.0001, 0.1411, 0.4393
CMYK	0.00, 0.14, 0.44, 0.00
HSL	41°, 100%, 78%
HSV	41°, 44%, 100%
XYZ	71.5233, 73.9062, 36.4711
YIQ	221.1000, 45.8520, -16.0040

Conversions

Conversions Part 2

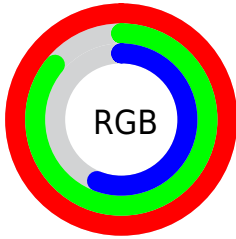
Format	Color
R _Y B	196, 255, 143
Decimal	16767887
CIE Lab	88.88, 2.72, 41.93
CIE LCh	89, 42.016, 86.282
Yxy	73.9062, 0.3932, 0.4063
Android (android.graphics.Color)	4294957967 (0xFFFFDB8F)
YUV	221.1000, -38.5033, 29.7303
Hunter-Lab	85.9687, -1.9388, 35.0251

Details

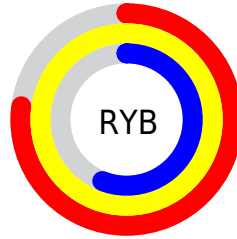
The Yxy color **73.9062, 0.3932, 0.4063** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.2739, 0.2373, 0.2362**, and the grayscale version is **72.6312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8572, 0.3466, 0.3850**, and **39.0420, 0.4105, 0.4225** is the 20% darker color. If you saturate the color by 10%, you get **69.0545, 0.4142, 0.4223**, and if you desaturate by 10%, it is **79.1506, 0.3727, 0.3888**.

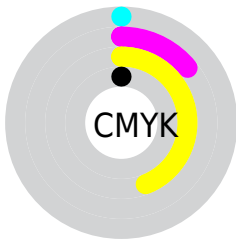
Distribution



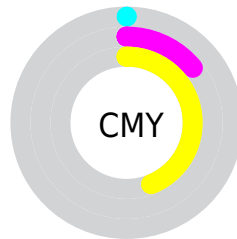
- Red (100%)
- Green (86%)
- Blue (56%)



- Red (77%)
- Yellow (100%)
- Blue (56%)



- Cyan (0%)
- Magenta (14%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (14%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.9062, 0.3932, 0.4063 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 73.9062, 0.3932, 0.4063 by changing the saturation by 10% instead.


 73.9062, 0.3932,
0.4063


 73.9062, 0.3932,
0.4063


474.1496, 0.3568,
0.3718

 54.7173, 0.4011,
0.4137


 124.7628, 0.3809,
0.3947

 39.1754, 0.4105,
0.4224


 157.1993, 0.3760,
0.3901

 26.8962, 0.4220,
0.4329


194.8205, 0.3717,
0.3860

 17.4953, 0.4359,
0.4455

238.0106, 0.3680,
0.3825

 10.5882, 0.4530,
0.4605

287.1542, 0.3647,
0.3794

 5.7907, 0.4751,
0.4794

342.6357, 0.3618,

 2.7182, 0.5008,

0.3766

0.4992

404.8393, 0.3592,
0.3740

■ 0.9865, 0.5061,
0.4939

■ 0.0000, 0.0000,
0.0000

■ 73.9062, 0.3932,
0.4063

■ 73.9062, 0.3932,
0.4063

■ 69.0545, 0.4142,
0.4223

■ 79.1506, 0.3727,
0.3888

■ 64.5701, 0.4348,
0.4357

■ 84.7912, 0.3532,
0.3707

■ 60.4398, 0.4541,
0.4454

■ 90.8443, 0.3352,
0.3528

■ 56.6448, 0.4710,
0.4503

■ 97.3221, 0.3187,
0.3355

■ 53.1625, 0.4847, 99.9969, 0.3127,
0.4500 0.3290

■ 51.1828, 0.4917,
0.4478

Harmonies

Analogous

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



73.9062, 0.4129, 0.3736



73.9062, 0.3932, 0.4063



73.9062, 0.3523, 0.4205

Triad

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



73.9062, 0.3932, 0.4063



73.9062, 0.2293, 0.3132



73.9062, 0.3165, 0.2663

Complementary

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



73.9062, 0.3932, 0.4063



45.2739, 0.2373, 0.2362

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.



73.9062, 0.2686, 0.2504



73.9062, 0.3932, 0.4063



73.9062, 0.2215, 0.2732

Square

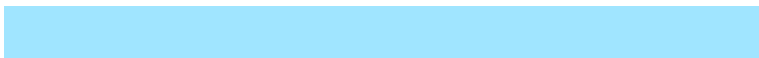
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.9062, 0.3932, 0.4063



73.9062, 0.2581, 0.3636



73.9062, 0.2352, 0.2520



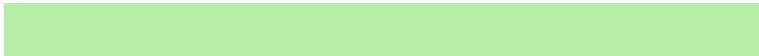
73.9062, 0.3670, 0.2959

Rectangle

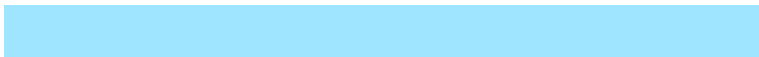
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.9062, 0.3932, 0.4063



73.9062, 0.3194, 0.4140



73.9062, 0.2352, 0.2520



73.9062, 0.2995, 0.2592

Sweetspot

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



73.9097, 0.3932, 0.4063



91.4408, 0.3336, 0.3512



44.2020, 0.3896, 0.2903



19.2765, 0.3374, 0.3551



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.



73.9097, 0.3932, 0.4063



69.4994, 0.4122, 0.4209



91.3788, 0.3653, 0.4427



20.0493, 0.3277, 0.3451



27.0300, 0.4902, 0.4490



2.8297, 0.4800, 0.4570

Inverse Universe

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



45.2739, 0.2373, 0.2362



37.4858, 0.2209, 0.2128



34.5001, 0.2423, 0.1958



18.3299, 0.2979, 0.3124



7.1547, 0.1624, 0.1044



0.8845, 0.1685, 0.1267

Previews

White Background



This preview shows how the Yxy color 73.9062, 0.3932, 0.4063 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 73.9062, 0.3932, 0.4063 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 73.9062, 0.3932, 0.4063

Background



This preview shows how black text looks on a background with the Yxy color 73.9062, 0.3932, 0.4063.



This preview shows how white text looks on a background with the Yxy color 73.9062, 0.3932, 0.4063.

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

73.9062, 0.3932, 0.4063

Protanopia

73.8744, 0.3808, 0.4109

Deuteranopia

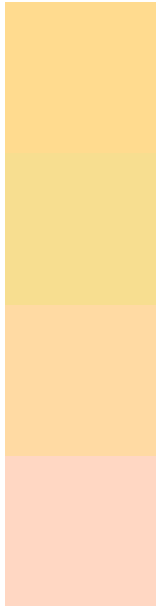
73.9809, 0.3713, 0.3723



Tritanopia

73.7832, 0.3356, 0.3160

Trichromacy



Original Color

73.9062, 0.3932, 0.4063

Protanomaly

74.0303, 0.3850, 0.4100

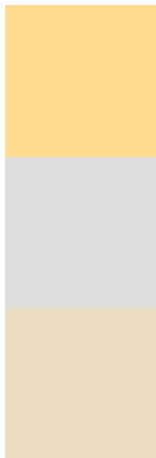
Deuteranomaly

74.0472, 0.3797, 0.3855

Tritanomaly

73.8010, 0.3571, 0.3496

Monochromacy



Original Color

73.9062, 0.3932, 0.4063

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.3603, 0.3408, 0.3583

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9062, 0.3932, 0.4063 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, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 143)  
}
```

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, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 143) }
```

Border

The CSS property to change the border of an element to Yxy 73.9062, 0.3932, 0.4063 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, 143) }
```

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

```
.border{ border-color:rgb(255, 219, 143) }
```

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, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9062, 0.3932, 0.4063 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, 143) }
```

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

```
.background{ background-color: rgb(255,  
219, 143) }
```

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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