

Converting Colors

$Y_{xy}(72.9932, 0.3724, 0.3904)$

Have a look what the booklet for
Yxy(72.9932, 0.3724, 0.3904)
contains.

Yxy(73.1721, 0.3726, 0.3912)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.1721, 0.3726, 0.3912)

Conversions

Conversions Part 1

Format	Color
Hex	F5DCA1
RGB	245, 220, 161
RGB Percent	96%, 86%, 63%
CMY	0.0391, 0.1373, 0.3685
CMYK	0.00, 0.10, 0.34, 0.04
HSL	42°, 81%, 80%
HSV	42°, 34%, 96%
XYZ	69.6931, 73.1721, 44.1801
YIQ	220.7490, 33.8390, -13.0490

Conversions

Conversions Part 2

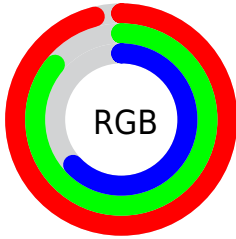
Format	Color
RYB	197, 245, 161
Decimal	16112801
CIELab	88.53, 0.31, 32.16
CIELCh	89, 32.160, 89.442
Yxy	73.1721, 0.3726, 0.3912
Android (android.graphics.Color)	4294302881 (0xFFF5DCA1)
YUV	220.7490, -29.4563, 21.2681
Hunter-Lab	85.5407, -4.2659, 29.2564

Details

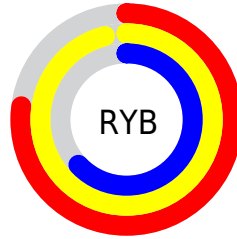
The Yxy color **73.1721, 0.3726, 0.3912** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.3212, 0.2547, 0.2576**, and the grayscale version is **72.3196, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7379, 0.3358, 0.3671**, and **38.7058, 0.3863, 0.4047** is the 20% darker color. If you saturate the color by 10%, you get **68.6432, 0.3926, 0.4091**, and if you desaturate by 10%, it is **78.0447, 0.3535, 0.3726**.

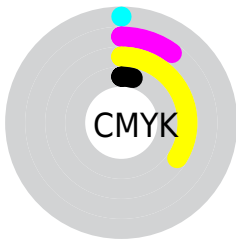
Distribution



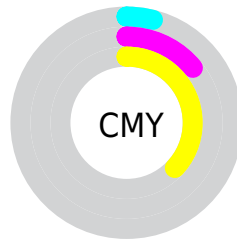
- Red (96%)
- Green (86%)
- Blue (63%)



- Red (77%)
- Yellow (96%)
- Blue (63%)



- Cyan (0%)
- Magenta (10%)
- Yellow (34%)
- Black (4%)





- Cyan (4%)
- Magenta (14%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.1721, 0.3726, 0.3912 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 73.1721, 0.3726, 0.3912 by changing the saturation by 10% instead.


 73.1721, 0.3726,
0.3912


 73.1721, 0.3726,
0.3912


471.6111, 0.3452,
0.3628

 54.1167, 0.3787,
0.3975


 123.7215, 0.3632,
0.3815

 38.6950, 0.3861,
0.4051


 155.9843, 0.3595,
0.3777

 26.5225, 0.3952,
0.4146


193.4183, 0.3564,
0.3744

 17.2149, 0.4067,
0.4264

236.4080, 0.3536,
0.3715

 10.3879, 0.4214,
0.4416

285.3377, 0.3511,
0.3689

 5.6569, 0.4404,
0.4611

340.5919, 0.3489,

 2.6376, 0.4889,

0.3667

0.5111

402.5549, 0.3470,
0.3646

0.9456, 0.4895,
0.5105

0.0000, 0.0000,
0.0000

73.1721, 0.3726,
0.3912

73.1721, 0.3726,
0.3912

68.6432, 0.3926,
0.4091

78.0447, 0.3535,
0.3726

64.4358, 0.4128,
0.4255

83.2620, 0.3356,
0.3542

60.5402, 0.4326,
0.4392

88.8380, 0.3193,
0.3364

56.9418, 0.4508,
0.4492

94.5196, 0.3067,
0.3234

■ 53.6240, 0.4666,
0.4544

■ 98.1587, 0.3066,
0.3290

■ 50.5669, 0.4792,
0.4546

■ 48.9210, 0.4853,
0.4529

Harmonies

Analogous

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



73.1721, 0.3892, 0.3679



73.1721, 0.3726, 0.3912



73.1721, 0.3402, 0.3984

Triad

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



73.1721, 0.3726, 0.3912



73.1721, 0.2461, 0.3139



73.1721, 0.3202, 0.2817

Complementary

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



73.1721, 0.3726, 0.3912



49.3212, 0.2547, 0.2576

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.



73.1721, 0.2823, 0.2678



73.1721, 0.3726, 0.3912



73.1721, 0.2415, 0.2839

Square

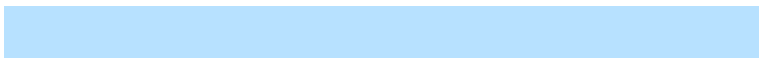
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.1721, 0.3726, 0.3912



73.1721, 0.2676, 0.3516



73.1721, 0.2543, 0.2681



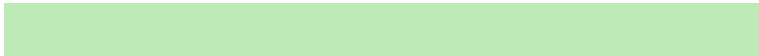
73.1721, 0.3582, 0.3064

Rectangle

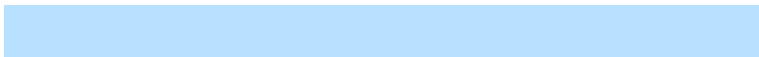
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.1721, 0.3726, 0.3912



73.1721, 0.3146, 0.3912



73.1721, 0.2543, 0.2681



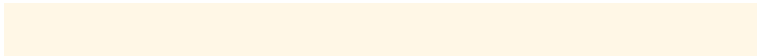
73.1721, 0.3070, 0.2757

Sweetspot

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



73.1755, 0.3726, 0.3912



93.7108, 0.3285, 0.3465



48.4727, 0.3693, 0.3018



19.8757, 0.3308, 0.3490



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.



73.1755, 0.3726, 0.3912



76.6992, 0.3861, 0.4035



84.4319, 0.3525, 0.4182



18.4307, 0.3276, 0.3455



26.5996, 0.4839, 0.4539



2.5166, 0.4739, 0.4619

Inverse Universe

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



49.3212, 0.2547, 0.2576



47.0452, 0.2421, 0.2405



41.5385, 0.2627, 0.2295



16.7318, 0.2980, 0.3119



6.3306, 0.1609, 0.0992



0.7282, 0.1677, 0.1235

Previews

White Background



This preview shows how the Yxy color 73.1721, 0.3726, 0.3912 looks on a white background.

Color Contrast Check

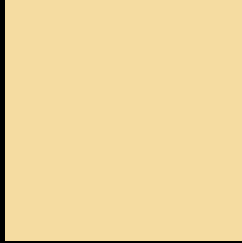
Large Text (above 18pt) WCAG AA × Fail

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 73.1721, 0.3726, 0.3912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

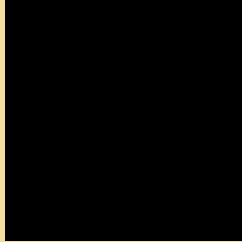
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.1721, 0.3726, 0.3912

Background



This preview shows how black text looks on a background with the Yxy color 73.1721, 0.3726, 0.3912.



This preview shows how white text looks on a background with the Yxy color 73.1721, 0.3726, 0.3912.

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

73.1721, 0.3726, 0.3912

Protanopia

73.2019, 0.3666, 0.3932

Deuteranopia

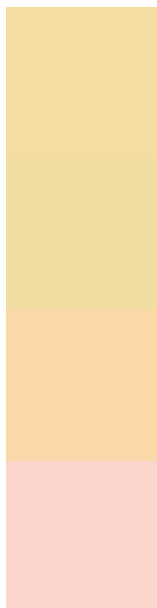
73.0352, 0.3705, 0.3682



Tritanopia

73.0726, 0.3321, 0.3119

Trichromacy



Original Color

73.1721, 0.3726, 0.3912

Protanomaly

73.0223, 0.3684, 0.3919

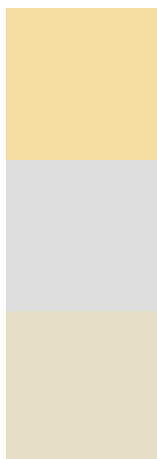
Deuteranomaly

73.0752, 0.3711, 0.3769

Tritanomaly

72.7768, 0.3469, 0.3394

Monochromacy



Original Color

73.1721, 0.3726, 0.3912

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.6594, 0.3342, 0.3529

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1721, 0.3726, 0.3912 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(245, 220, 161)` looks like.

```
.text, #text, p{  
    color:rgb(245, 220, 161)  
}
```

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(245, 220, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 220, 161) }
```

Border

The CSS property to change the border of an element to Yxy 73.1721, 0.3726, 0.3912 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(245, 220, 161) }
```

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

```
.border{ border-color:rgb(245, 220, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 220, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 220, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 220, 161);  
box-shadow:4px 4px 4px 4px rgb(245, 220,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1721, 0.3726, 0.3912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 220, 161) }
```

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

```
.background{ background-color: rgb(245,  
220, 161) }
```

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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