

Converting Colors

$Y_{xy}(73.1021, 0.3740, 0.3933)$

Have a look what the booklet for
Yxy(73.1021, 0.3740, 0.3933)
contains.

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Color

Yxy(73.1021, 0.3740, 0.3933)

Conversions

Conversions Part 1

Format	Color
Hex	F5DC9F
RGB	245, 220, 159
RGB Percent	96%, 86%, 62%
CMY	0.0391, 0.1373, 0.3764
CMYK	0.00, 0.10, 0.35, 0.04
HSL	43°, 81%, 79%
HSV	43°, 35%, 96%
XYZ	69.5148, 73.1021, 43.2516
YIQ	220.5210, 34.4810, -13.6710

Conversions

Conversions Part 2

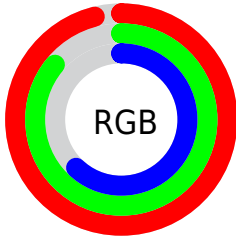
Format	Color
RYB	194, 245, 159
Decimal	16112799
CIELab	88.50, 0.07, 33.15
CIELCh	88, 33.146, 89.875
Yxy	73.1021, 0.3740, 0.3933
Android (android.graphics.Color)	4294302879 (0xFFF5DC9F)
YUV	220.5210, -30.3299, 21.4681
Hunter-Lab	85.4998, -4.4967, 29.8569

Details

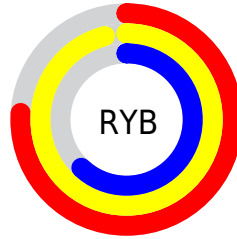
The Yxy color **73.1021, 0.3740, 0.3933** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.2644, 0.2531, 0.2548**, and the grayscale version is **72.1559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6350, 0.3370, 0.3691**, and **38.6632, 0.3881, 0.4072** is the 20% darker color. If you saturate the color by 10%, you get **68.6741, 0.3939, 0.4113**, and if you desaturate by 10%, it is **77.8651, 0.3549, 0.3746**.

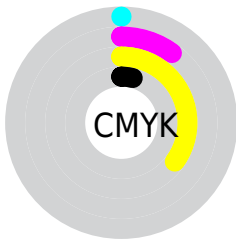
Distribution



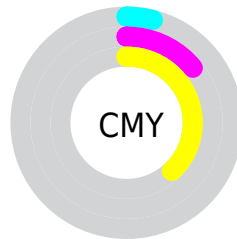
- Red (96%)
- Green (86%)
- Blue (62%)



- Red (76%)
- Yellow (96%)
- Blue (62%)



- Cyan (0%)
- Magenta (10%)
- Yellow (35%)
- Black (4%)





- Cyan (4%)
- Magenta (14%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.1021, 0.3740, 0.3933 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 73.1021, 0.3740, 0.3933 by changing the saturation by 10% instead.


 73.1021, 0.3740,
0.3933


 73.1021, 0.3740,
0.3933


471.3686, 0.3460,
0.3640

 54.0595, 0.3802,
0.3998


 123.6221, 0.3644,
0.3833

 38.6492, 0.3877,
0.4077


 155.8683, 0.3607,
0.3793

 26.4869, 0.3970,
0.4174


193.2845, 0.3574,
0.3759

 17.1883, 0.4086,
0.4296

236.2550, 0.3546,
0.3729

 10.3688, 0.4235,
0.4451

285.1643, 0.3520,
0.3703

 5.6442, 0.4424,
0.4649

340.3967, 0.3498,

 2.6299, 0.4877,

0.3679

0.5123

402.3367, 0.3478,
0.3658

■ 0.9417, 0.4878,
0.5122

■ 0.0000, 0.0000,
0.0000

■ 73.1021, 0.3740,
0.3933

■ 73.1021, 0.3740,
0.3933

■ 68.6741, 0.3939,
0.4113

■ 77.8651, 0.3549,
0.3746

■ 64.5590, 0.4139,
0.4276

■ 82.9641, 0.3370,
0.3560

■ 60.7471, 0.4333,
0.4412

■ 88.4128, 0.3205,
0.3379

■ 57.2239, 0.4510,
0.4509

■ 94.0903, 0.3067,
0.3227

■ 53.9727, 0.4663,
0.4559

■ 98.1572, 0.3066,
0.3290

■ 50.9736, 0.4783,
0.4558

■ 49.5834, 0.4834,
0.4544

Harmonies

Analogous

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



73.1021, 0.3915, 0.3694



73.1021, 0.3740, 0.3933



73.1021, 0.3404, 0.4006

Triad

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



73.1021, 0.3740, 0.3933



73.1021, 0.2440, 0.3129



73.1021, 0.3210, 0.2807

Complementary

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



73.1021, 0.3740, 0.3933



48.2644, 0.2531, 0.2548

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.



73.1021, 0.2819, 0.2662



73.1021, 0.3740, 0.3933



73.1021, 0.2395, 0.2821

Square

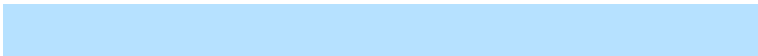
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.1021, 0.3740, 0.3933



73.1021, 0.2658, 0.3517



73.1021, 0.2529, 0.2662



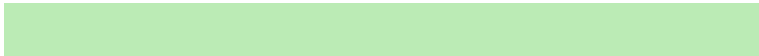
73.1021, 0.3601, 0.3062

Rectangle

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



73.1021, 0.3740, 0.3933



73.1021, 0.3140, 0.3930



73.1021, 0.2529, 0.2662



73.1021, 0.3074, 0.2744

Sweetspot

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



73.1055, 0.3740, 0.3933



93.2256, 0.3301, 0.3485



47.7125, 0.3712, 0.3012



19.7824, 0.3324, 0.3510



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.



73.1055, 0.3740, 0.3933



76.6175, 0.3878, 0.4060



84.2893, 0.3534, 0.4204



18.4513, 0.3276, 0.3457



26.9555, 0.4821, 0.4554



2.5457, 0.4723, 0.4632

Inverse Universe

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



48.2644, 0.2531, 0.2548



45.7729, 0.2401, 0.2370



40.6497, 0.2613, 0.2267



16.7123, 0.2980, 0.3117



6.2056, 0.1604, 0.0976



0.7151, 0.1672, 0.1218

Previews

White Background



This preview shows how the Yxy color 73.1021, 0.3740, 0.3933 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 73.1021, 0.3740, 0.3933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

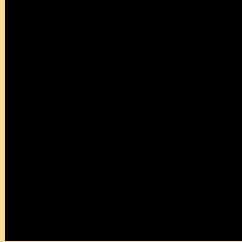
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.1021, 0.3740, 0.3933

Background



This preview shows how black text looks on a background with the Yxy color 73.1021, 0.3740, 0.3933.



This preview shows how white text looks on a background with the Yxy color 73.1021, 0.3740, 0.3933.

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

73.1021, 0.3740, 0.3933

Protanopia

73.1313, 0.3679, 0.3953

Deuteranopia

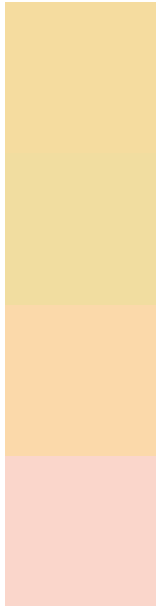
73.0352, 0.3705, 0.3682



Tritanopia

73.0726, 0.3321, 0.3119

Trichromacy



Original Color

73.1021, 0.3740, 0.3933

Protanomaly

72.9517, 0.3698, 0.3940

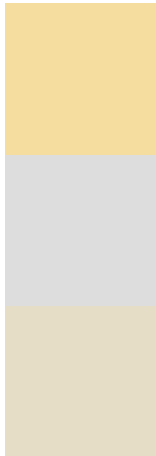
Deuteranomaly

73.0372, 0.3718, 0.3780

Tritanomaly

72.7289, 0.3476, 0.3405

Monochromacy



Original Color

73.1021, 0.3740, 0.3933

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.6131, 0.3348, 0.3540

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.1021, 0.3740, 0.3933 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, 159)` looks like.

```
.text, #text, p{  
    color:rgb(245, 220, 159)  
}
```

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, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 220, 159) }
```

Border

The CSS property to change the border of an element to Yxy 73.1021, 0.3740, 0.3933 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, 159) }
```

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

```
.border{ border-color:rgb(245, 220, 159) }
```

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, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 220, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 220, 159);  
box-shadow:4px 4px 4px 4px rgb(245, 220,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 73.1021, 0.3740, 0.3933 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, 159) }
```

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

```
.background{ background-color: rgb(245,  
220, 159) }
```

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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