

Converting Colors

$Y_{xy}(73.9580, 0.3597, 0.3894)$

Have a look what the booklet for
Yxy(73.9580, 0.3597, 0.3894)
contains.

Yxy(73.9713, 0.3595, 0.3893)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.9713, 0.3595, 0.3893)

Conversions

Conversions Part 1

Format	Color
Hex	ECE0A8
RGB	236, 224, 168
RGB Percent	93%, 88%, 66%
CMY	0.0746, 0.1215, 0.3411
CMYK	0.00, 0.05, 0.29, 0.07
HSL	49°, 64%, 79%
HSV	49°, 29%, 93%
XYZ	68.3090, 73.9713, 47.7308
YIQ	221.2040, 25.1280, -14.8720

Conversions

Conversions Part 2

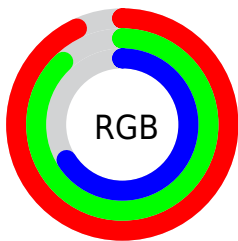
Format	Color
R _Y B	183, 236, 168
Decimal	15524008
CIE Lab	88.91, -4.33, 28.95
CIE LCh	89, 29.269, 98.499
Yxy	73.9713, 0.3595, 0.3893
Android (android.graphics.Color)	4293714088 (0xFFECE0A8)
YUV	221.2040, -26.2296, 12.9761
Hunter-Lab	86.0066, -8.7415, 27.3006

Details

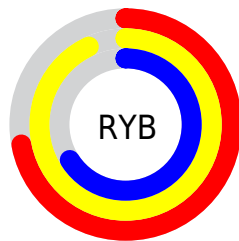
The Yxy color **73.9713, 0.3595, 0.3893** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.0119, 0.2637, 0.2604**, and the grayscale version is **72.6318, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1077, 0.3315, 0.3601**, and **39.2206, 0.3691, 0.4029** is the 20% darker color. If you saturate the color by 10%, you get **70.9690, 0.3769, 0.4102**, and if you desaturate by 10%, it is **77.1944, 0.3424, 0.3680**.

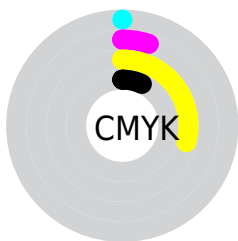
Distribution



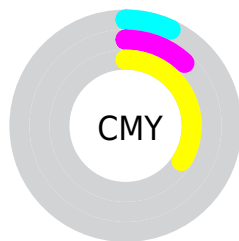
- Red (93%)
- Green (88%)
- Blue (66%)



- Red (72%)
- Yellow (93%)
- Blue (66%)



- Cyan (0%)
- Magenta (5%)
- Yellow (29%)
- Black (7%)





- Cyan (7%)
- Magenta (12%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.9713, 0.3595, 0.3893 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 73.9713, 0.3595, 0.3893 by changing the saturation by 10% instead.


 73.9713, 0.3595,
0.3893

 73.9713, 0.3595,
0.3893


474.3743, 0.3382,
0.3614

 54.7705, 0.3642,
0.3956


 124.8551, 0.3522,
0.3797

 39.2180, 0.3699,
0.4033


 157.3070, 0.3494,
0.3759

 26.9294, 0.3770,
0.4130


194.9447, 0.3469,
0.3727

 17.5202, 0.3859,
0.4254

238.1526, 0.3447,
0.3698

 10.6061, 0.3973,
0.4418

287.3151, 0.3428,
0.3674

 5.8026, 0.4121,
0.4639

342.8166, 0.3411,

 2.7254, 0.4433,

0.3651

0.5090

405.0416, 0.3396,
0.3632

0.9901, 0.4566,
0.5434

0.0000, 0.0000,
0.0000

73.9713, 0.3595,
0.3893

73.9713, 0.3595,
0.3893

70.9690, 0.3769,
0.4102

77.1944, 0.3424,
0.3680

68.1683, 0.3942,
0.4299

80.6366, 0.3262,
0.3469

65.5629, 0.4105,
0.4472

84.3091, 0.3109,
0.3266

63.1418, 0.4253,
0.4613

87.7330, 0.3012,
0.3147

■ 60.8926, 0.4377,
0.4711

■ 90.2136, 0.3012,
0.3188

■ 58.8008, 0.4473,
0.4763

■ 92.7504, 0.3011,
0.3230

■ 56.8448, 0.4541,
0.4771

■ 95.3440, 0.3011,
0.3271

■ 56.6152, 0.4548,
0.4771

■ 96.5675, 0.3011,
0.3290

Harmonies

Analogous

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



73.9713, 0.3795, 0.3721



73.9713, 0.3595, 0.3893



73.9713, 0.3275, 0.3898

Triad

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



73.9713, 0.3595, 0.3893



73.9713, 0.2490, 0.3062



73.9713, 0.3305, 0.2918

Complementary

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



73.9713, 0.3595, 0.3893



47.0119, 0.2637, 0.2604

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.



73.9713, 0.2950, 0.2757



73.9713, 0.3595, 0.3893



73.9713, 0.2496, 0.2823

Square

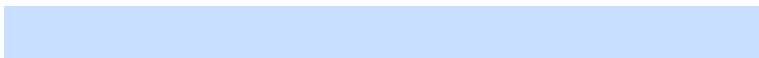
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.9713, 0.3595, 0.3893



73.9713, 0.2644, 0.3392



73.9713, 0.2659, 0.2719



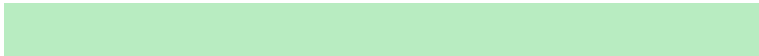
73.9713, 0.3626, 0.3167

Rectangle

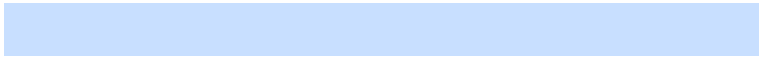
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.9713, 0.3595, 0.3893



73.9713, 0.3040, 0.3792



73.9713, 0.2659, 0.2719



73.9713, 0.3185, 0.2852

Sweetspot

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



73.9746, 0.3595, 0.3893



96.0601, 0.3265, 0.3474



49.1538, 0.3647, 0.3152



20.4290, 0.3289, 0.3504



0.0000, 0.0000, 0.0000



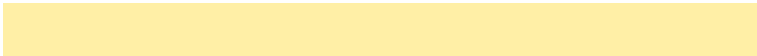
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.9746, 0.3595, 0.3893



85.9124, 0.3706, 0.4027



77.1648, 0.3406, 0.4048



17.1499, 0.3272, 0.3483



31.3881, 0.4542, 0.4776



2.5829, 0.4485, 0.4821

Inverse Universe

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



47.0119, 0.2637, 0.2604



48.5313, 0.2515, 0.2424



44.9533, 0.2783, 0.2489



14.9773, 0.2980, 0.3090



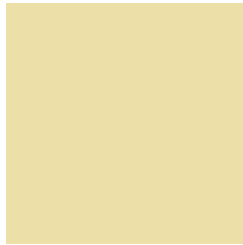
4.3632, 0.1545, 0.0761



0.4666, 0.1609, 0.0991

Previews

White Background



This preview shows how the Yxy color 73.9713, 0.3595, 0.3893 looks on a white background.

Color Contrast Check

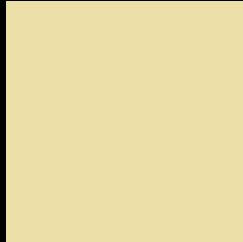
Large Text (above 18pt) WCAG AA × Fail

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 73.9713, 0.3595, 0.3893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

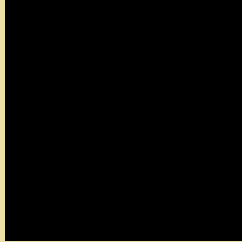
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

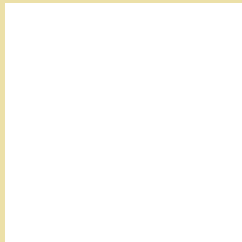
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.9713, 0.3595, 0.3893

Background



This preview shows how black text looks on a background with the Yxy color 73.9713, 0.3595, 0.3893.



This preview shows how white text looks on a background with the Yxy color 73.9713, 0.3595, 0.3893.

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

73.9713, 0.3595, 0.3893

Protanopia

73.9532, 0.3621, 0.3878

Deuteranopia

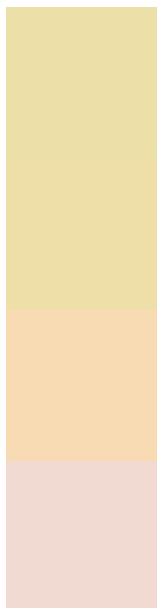
73.7906, 0.3658, 0.3630



Tritanopia

73.6602, 0.3223, 0.3116

Trichromacy



Original Color

73.9713, 0.3595, 0.3893

Protanomaly

73.7796, 0.3614, 0.3880

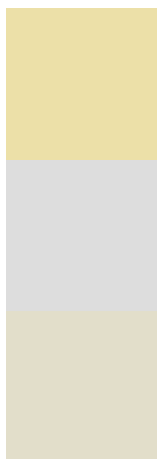
Deuteranomaly

73.8338, 0.3631, 0.3720

Tritanomaly

73.4470, 0.3358, 0.3385

Monochromacy



Original Color

73.9713, 0.3595, 0.3893

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.6756, 0.3290, 0.3509

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9713, 0.3595, 0.3893 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(236, 224, 168)` looks like.

```
.text, #text, p{  
    color:rgb(236, 224, 168)  
}
```

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(236, 224, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 224, 168) }
```

Border

The CSS property to change the border of an element to Yxy 73.9713, 0.3595, 0.3893 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(236, 224, 168) }
```

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

```
.border{ border-color:rgb(236, 224, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 224, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 224, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 224, 168);  
box-shadow:4px 4px 4px 4px rgb(236, 224,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9713, 0.3595, 0.3893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 224, 168) }
```

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

```
.background{ background-color: rgb(236,  
224, 168) }
```

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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