

Converting Colors

$Yxy(73.9677, 0.3579, 0.3826)$

Have a look what the booklet for
Yxy(73.9677, 0.3579, 0.3826)
contains.

Yxy(73.9696, 0.3579, 0.3826)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.9696, 0.3579, 0.3826)

Conversions

Conversions Part 1

Format	Color
Hex	EEDFAD
RGB	238, 223, 173
RGB Percent	93%, 87%, 68%
CMY	0.0666, 0.1255, 0.3215
CMYK	0.00, 0.06, 0.27, 0.07
HSL	46°, 66%, 81%
HSV	46°, 27%, 93%
XYZ	69.1942, 73.9696, 50.1702
YIQ	221.7850, 24.9900, -12.3700

Conversions

Conversions Part 2

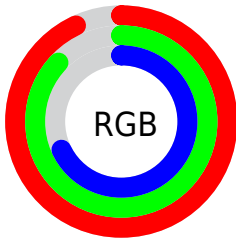
Format	Color
RYB	193, 238, 173
Decimal	15654829
CIELab	88.91, -2.40, 26.40
CIElCh	89, 26.509, 95.185
Yxy	73.9696, 0.3579, 0.3826
Android (android.graphics.Color)	4293844909 (0xFFEEDFAD)
YUV	221.7850, -24.0510, 14.2206
Hunter-Lab	86.0056, -6.9008, 25.6179

Details

The Yxy color **73.9696, 0.3579, 0.3826** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.0354, 0.2669, 0.2689**, and the grayscale version is **73.0504, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4371, 0.3280, 0.3542**, and **39.1851, 0.3680, 0.3956** is the 20% darker color. If you saturate the color by 10%, you get **70.2422, 0.3762, 0.4025**, and if you desaturate by 10%, it is **77.9632, 0.3404, 0.3625**.

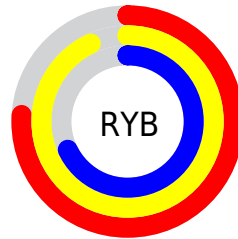
Distribution



Red (93%)

Green (87%)

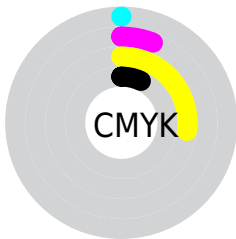
Blue (68%)



Red (76%)

Yellow (93%)

Blue (68%)

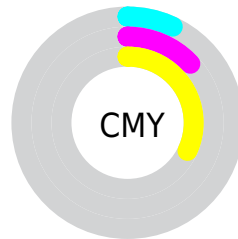


Cyan (0%)

Magenta (6%)

Yellow (27%)

Black (7%)



Cyan (7%)


Magenta (13%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.9696, 0.3579, 0.3826 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 73.9696, 0.3579, 0.3826 by changing the saturation by 10% instead.


 73.9696, 0.3579,
0.3826

 73.9696, 0.3579,
0.3826


474.3684, 0.3373,
0.3579

 54.7692, 0.3625,
0.3882


 124.8527, 0.3508,
0.3741

 39.2169, 0.3681,
0.3950

157.3042, 0.3480,
0.3707

 26.9285, 0.3751,
0.4036


194.9414, 0.3456,
0.3679

 17.5196, 0.3840,
0.4146

238.1489, 0.3435,
0.3654

 10.6056, 0.3956,
0.4291

287.3109, 0.3417,
0.3631

 5.8023, 0.4111,
0.4490

342.8119, 0.3400,

 2.7252, 0.4387,

0.3612

0.4843

405.0363, 0.3386,
0.3594

■ 0.9900, 0.4704,
0.5296

■ 0.0000, 0.0000,
0.0000

■ 73.9696, 0.3579,
0.3826

■ 73.9696, 0.3579,
0.3826

■ 70.2422, 0.3762,
0.4025

■ 77.9632, 0.3404,
0.3625

■ 66.7613, 0.3947,
0.4214

■ 82.2219, 0.3239,
0.3428

■ 63.5199, 0.4129,
0.4383

■ 86.7575, 0.3088,
0.3240

■ 60.5065, 0.4298,
0.4521

■ 90.6971, 0.3024,
0.3191

■ 57.7082, 0.4446,
0.4618

■ 94.0725, 0.3024,
0.3245

■ 55.1100, 0.4567,
0.4668

■ 96.9194, 0.3023,
0.3290

■ 52.6924, 0.4658,
0.4670

■ 52.0651, 0.4679,
0.4667

Harmonies

Analogous

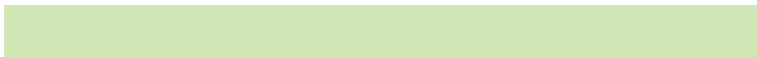
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.9696, 0.3742, 0.3660



73.9696, 0.3579, 0.3826



73.9696, 0.3298, 0.3846

Triad

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



73.9696, 0.3579, 0.3826



73.9696, 0.2556, 0.3116



73.9696, 0.3254, 0.2930

Complementary

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



73.9696, 0.3579, 0.3826



51.0354, 0.2669, 0.2689

Split Complementary

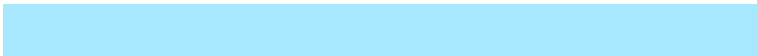
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.9696, 0.2934, 0.2794



73.9696, 0.3579, 0.3826



73.9696, 0.2545, 0.2885

Square

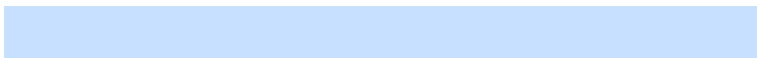
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.9696, 0.3579, 0.3826



73.9696, 0.2712, 0.3417



73.9696, 0.2679, 0.2775



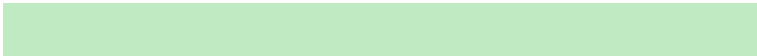
73.9696, 0.3551, 0.3152

Rectangle

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



73.9696, 0.3579, 0.3826



73.9696, 0.3085, 0.3763



73.9696, 0.2679, 0.2775



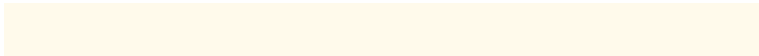
73.9696, 0.3145, 0.2873

Sweetspot

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



73.9729, 0.3579, 0.3826



95.7859, 0.3251, 0.3442



51.7091, 0.3582, 0.3124



20.3375, 0.3275, 0.3472



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.



73.9729, 0.3579, 0.3826



83.9359, 0.3685, 0.3942



79.4961, 0.3415, 0.4002



17.8039, 0.3274, 0.3471



29.2494, 0.4670, 0.4674



2.5819, 0.4594, 0.4734

Inverse Universe

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



51.0354, 0.2669, 0.2689



52.8111, 0.2561, 0.2538



47.0566, 0.2779, 0.2530



15.8210, 0.2980, 0.3103



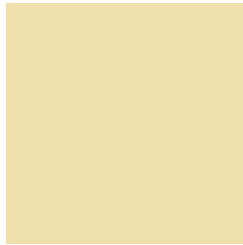
5.1285, 0.1570, 0.0852



0.5732, 0.1637, 0.1091

Previews

White Background



This preview shows how the Yxy color 73.9696, 0.3579, 0.3826 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 73.9696, 0.3579, 0.3826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

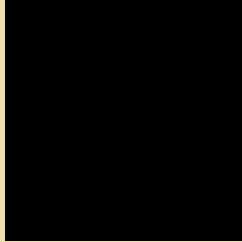
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.9696, 0.3579, 0.3826

Background



This preview shows how black text looks on a background with the Yxy color 73.9696, 0.3579, 0.3826.

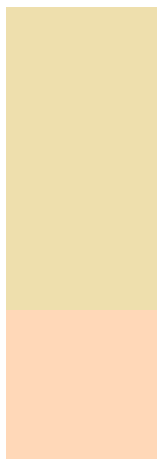


This preview shows how white text looks on a background with the Yxy color 73.9696, 0.3579, 0.3826.

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

73.9696, 0.3579, 0.3826

Protanopia

73.9696, 0.3579, 0.3826

Deuteranopia

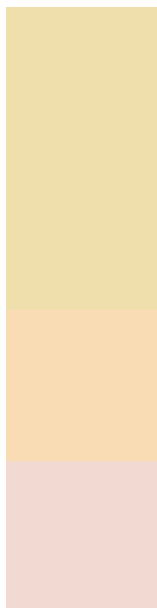
73.8324, 0.3650, 0.3620



Tritanopia

73.8396, 0.3230, 0.3117

Trichromacy



Original Color

73.9696, 0.3579, 0.3826

Protanomaly

73.9696, 0.3579, 0.3826

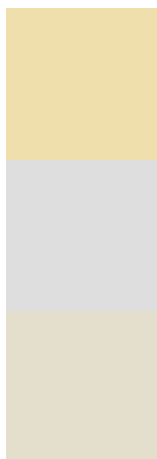
Deuteranomaly

74.0981, 0.3625, 0.3698

Tritanomaly

73.7232, 0.3351, 0.3364

Monochromacy



Original Color

73.9696, 0.3579, 0.3826

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.0962, 0.3291, 0.3486

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9696, 0.3579, 0.3826 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(238, 223, 173)` looks like.

```
.text, #text, p{  
    color:rgb(238, 223, 173)  
}
```

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(238, 223, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 223, 173) }
```

Border

The CSS property to change the border of an element to Yxy 73.9696, 0.3579, 0.3826 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(238, 223, 173) }
```

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

```
.border{ border-color:rgb(238, 223, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 223, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 223, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 223, 173); box-shadow:4px 4px 4px 4px rgb(238, 223, 173) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9696, 0.3579, 0.3826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 223, 173) }
```

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

```
.background{ background-color: rgb(238,  
223, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor