

Converting Colors

$Yxy(73.9311, 0.3586, 0.3837)$

Have a look what the booklet for
Yxy(73.9311, 0.3586, 0.3837)
contains.

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Color

Yxy(73.9311, 0.3586, 0.3837)

Conversions

Conversions Part 1

Format	Color
Hex	EEDFAC
RGB	238, 223, 172
RGB Percent	93%, 87%, 67%
CMY	0.0666, 0.1255, 0.3255
CMYK	0.00, 0.06, 0.28, 0.07
HSL	46°, 66%, 80%
HSV	46°, 28%, 93%
XYZ	69.0948, 73.9311, 49.6535
YIQ	221.6710, 25.3110, -12.6810

Conversions

Conversions Part 2

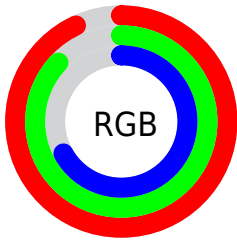
Format	Color
R _Y B	191, 238, 172
Decimal	15654828
CIE Lab	88.89, -2.53, 26.90
CIE LCh	89, 27.021, 95.379
Yxy	73.9311, 0.3586, 0.3837
Android (android.graphics.Color)	4293844908 (0xFFEEDFAC)
YUV	221.6710, -24.4878, 14.3205
Hunter-Lab	85.9832, -7.0306, 25.9495

Details

The Yxy color **73.9311, 0.3586, 0.3837** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.4816, 0.2661, 0.2675**, and the grayscale version is **72.9673, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3814, 0.3286, 0.3552**, and **39.1609, 0.3689, 0.3970** is the 20% darker color. If you saturate the color by 10%, you get **70.2560, 0.3769, 0.4037**, and if you desaturate by 10%, it is **77.8690, 0.3411, 0.3635**.

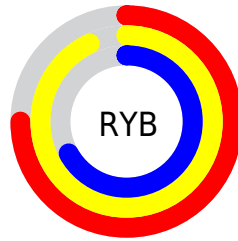
Distribution



Red (93%)

Green (87%)

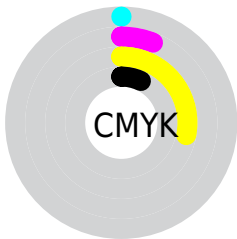
Blue (67%)



Red (75%)

Yellow (93%)

Blue (67%)

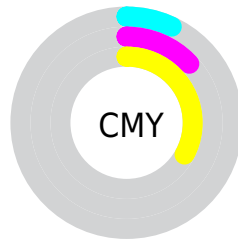


Cyan (0%)

Magenta (6%)

Yellow (28%)

Black (7%)



Cyan (7%)


Magenta (13%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.9311, 0.3586, 0.3837 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 73.9311, 0.3586, 0.3837 by changing the saturation by 10% instead.


 73.9311, 0.3586,
0.3837

 73.9311, 0.3586,
0.3837


474.2355, 0.3376,
0.3585

 54.7376, 0.3633,
0.3894

 124.7981, 0.3514,
0.3750

 39.1917, 0.3690,
0.3964


157.2405, 0.3486,
0.3716

 26.9089, 0.3760,
0.4051


194.8680, 0.3462,
0.3687

 17.5048, 0.3850,
0.4163


238.0649, 0.3440,
0.3661

 10.5951, 0.3968,
0.4311

287.2158, 0.3421,
0.3638

 5.7953, 0.4123,
0.4513


342.7049, 0.3405,

 2.7210, 0.4409,


0.3619


0.4881


404.9167, 0.3390,
0.3601


 0.9879, 0.4694,
0.5306


 0.0000, 0.0000,
0.0000


 73.9311, 0.3586,
0.3837


 73.9311, 0.3586,
0.3837


 70.2560, 0.3769,
0.4037


 77.8690, 0.3411,
0.3635


 66.8241, 0.3953,
0.4226

 82.0686, 0.3246,
0.3437

 63.6282, 0.4133,
0.4394

 86.5416, 0.3094,
0.3248

 60.6570, 0.4300,
0.4531

 90.4854, 0.3024,
0.3187

■ 57.8974, 0.4446,
0.4627

■ 93.7997, 0.3024,
0.3241

■ 55.3345, 0.4564,
0.4675

■ 96.9183, 0.3023,
0.3290

■ 52.9480, 0.4652,
0.4677

■ 52.4256, 0.4670,
0.4674

Harmonies

Analogous

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



73.9311, 0.3754, 0.3668



73.9311, 0.3586, 0.3837



73.9311, 0.3299, 0.3857

Triad

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



73.9311, 0.3586, 0.3837



73.9311, 0.2545, 0.3111



73.9311, 0.3258, 0.2925

Complementary

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



73.9311, 0.3586, 0.3837



50.4816, 0.2661, 0.2675

Split Complementary

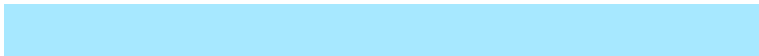
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.9311, 0.2932, 0.2786



73.9311, 0.3586, 0.3837



73.9311, 0.2535, 0.2876

Square

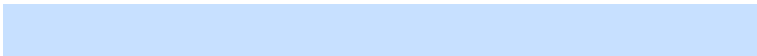
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.9311, 0.3586, 0.3837



73.9311, 0.2702, 0.3418



73.9311, 0.2672, 0.2765



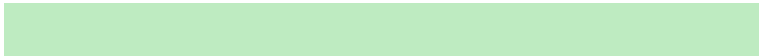
73.9311, 0.3561, 0.3150

Rectangle

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



73.9311, 0.3586, 0.3837



73.9311, 0.3081, 0.3772



73.9311, 0.2672, 0.2765



73.9311, 0.3147, 0.2867

Sweetspot

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



73.9344, 0.3586, 0.3837



95.8327, 0.3251, 0.3443



51.2854, 0.3592, 0.3121



20.3494, 0.3275, 0.3473



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.



73.9344, 0.3586, 0.3837



84.1145, 0.3684, 0.3945



79.4098, 0.3420, 0.4013



17.8142, 0.3274, 0.3471



29.4502, 0.4661, 0.4681



2.5970, 0.4587, 0.4740

Inverse Universe

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



50.4816, 0.2661, 0.2675



52.6765, 0.2560, 0.2534



46.5710, 0.2773, 0.2516



15.8114, 0.2980, 0.3102



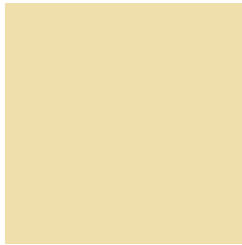
5.0803, 0.1568, 0.0845



0.5680, 0.1634, 0.1083

Previews

White Background



This preview shows how the Yxy color 73.9311, 0.3586, 0.3837 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 73.9311, 0.3586, 0.3837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

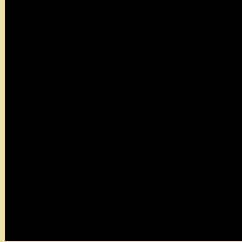
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.9311, 0.3586, 0.3837

Background



This preview shows how black text looks on a background with the Yxy color 73.9311, 0.3586, 0.3837.

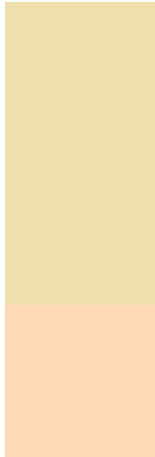


This preview shows how white text looks on a background with the Yxy color 73.9311, 0.3586, 0.3837.

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

73.9311, 0.3586, 0.3837

Protanopia

73.9311, 0.3586, 0.3837

Deuteranopia

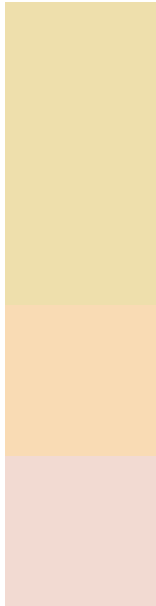
73.8324, 0.3650, 0.3620



Tritanopia

73.8396, 0.3230, 0.3117

Trichromacy



Original Color

73.9311, 0.3586, 0.3837

Protanomaly

73.9311, 0.3586, 0.3837

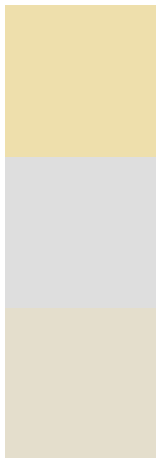
Deuteranomaly

74.0981, 0.3625, 0.3698

Tritanomaly

73.6732, 0.3358, 0.3374

Monochromacy



Original Color

73.9311, 0.3586, 0.3837

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 73.9311, 0.3586, 0.3837 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(238, 223, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 223, 172) }
```

Border

The CSS property to change the border of an element to Yxy 73.9311, 0.3586, 0.3837 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, 172) }
```

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

```
.border{ border-color:rgb(238, 223, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 223, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 223, 172);  
box-shadow:4px 4px 4px 4px rgb(238, 223,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9311, 0.3586, 0.3837 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, 172) }
```

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

```
.background{ background-color: rgb(238,  
223, 172) }
```

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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