

Converting Colors

$Y_{xy}(73.0961, 0.3551, 0.3741)$

Have a look what the booklet for
Yxy(73.0961, 0.3551, 0.3741)
contains.

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Color

Yxy(73.3183, 0.3550, 0.3740)

Conversions

Conversions Part 1

Format	Color
Hex	EFDDDB3
RGB	239, 221, 179
RGB Percent	94%, 87%, 70%
CMY	0.0627, 0.1333, 0.2981
CMYK	0.00, 0.08, 0.25, 0.06
HSL	42°, 65%, 82%
HSV	42°, 25%, 94%
XYZ	69.5936, 73.3183, 53.1264
YIQ	221.5940, 24.2100, -9.2460

Conversions

Conversions Part 2

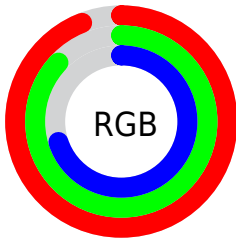
Format	Color
RYB	205, 239, 179
Decimal	15719859
CIELab	88.60, -0.20, 22.89
CIELCh	89, 22.893, 90.504
Yxy	73.3183, 0.3550, 0.3740
Android (android.graphics.Color)	4293909939 (0xFFEFDDDB3)
YUV	221.5940, -20.9988, 15.2651
Hunter-Lab	85.6261, -4.7678, 23.1520

Details

The Yxy color **73.3183, 0.3550, 0.3740** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55.7529, 0.2714, 0.2795**, and the grayscale version is **72.8866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **38.7239, 0.3644, 0.3846** is the 20% darker color. If you saturate the color by 10%, you get **68.7287, 0.3742, 0.3925**, and if you desaturate by 10%, it is **78.2440, 0.3370, 0.3556**.

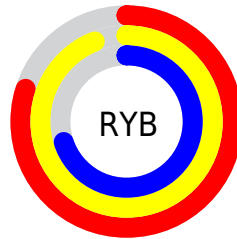
Distribution



Red (94%)

Green (87%)

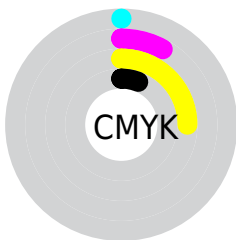
Blue (70%)



Red (80%)

Yellow (94%)

Blue (70%)

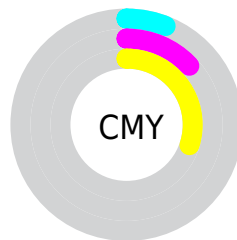


Cyan (0%)

Magenta (8%)

Yellow (25%)

Black (6%)



Cyan (6%)


Magenta (13%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.3183, 0.3550, 0.3740 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 73.3183, 0.3550, 0.3740 by changing the saturation by 10% instead.


 73.3183, 0.3550,
0.3740

 73.3183, 0.3550,
0.3740


472.1172, 0.3355,
0.3533

 54.2363, 0.3594,
0.3787

 123.9290, 0.3483,
0.3668

 38.7906, 0.3648,
0.3844

156.2264, 0.3457,
0.3641

 26.5969, 0.3715,
0.3916


193.6978, 0.3434,
0.3616

 17.2707, 0.3802,
0.4009

236.7274, 0.3414,
0.3595

 10.4277, 0.3917,
0.4132

285.6998, 0.3397,
0.3577

 5.6834, 0.4076,
0.4302

340.9993, 0.3381,

 2.6536, 0.4326,

0.3561

0.4570

403.0103, 0.3368,
0.3546

0.9537, 0.4859,
0.5141

0.0000, 0.0000,
0.0000

73.3183, 0.3550,
0.3740

73.3183, 0.3550,
0.3740

68.7287, 0.3742,
0.3925

78.2440, 0.3370,
0.3556

64.4547, 0.3942,
0.4102

83.5060, 0.3206,
0.3378

60.4882, 0.4145,
0.4264

89.1169, 0.3056,
0.3209

56.8166, 0.4342,
0.4398

93.7584, 0.3030,
0.3238

■ 53.4262, 0.4524,
0.4494

■ 97.0940, 0.3029,
0.3290

■ 50.3009, 0.4680,
0.4542

■ 47.4219, 0.4805,
0.4540

■ 46.0915, 0.4857,
0.4525

Harmonies

Analogous

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



73.3183, 0.3669, 0.3584



73.3183, 0.3550, 0.3740



73.3183, 0.3319, 0.3776

Triad

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



73.3183, 0.3550, 0.3740



73.3183, 0.2643, 0.3180



73.3183, 0.3194, 0.2951

Complementary

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



73.3183, 0.3550, 0.3740



55.7529, 0.2714, 0.2795

Split Complementary

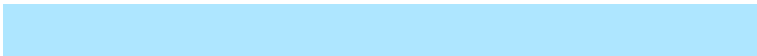
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.3183, 0.2921, 0.2847



73.3183, 0.3550, 0.3740



73.3183, 0.2613, 0.2966

Square

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



73.3183, 0.3550, 0.3740



73.3183, 0.2798, 0.3442



73.3183, 0.2711, 0.2849



73.3183, 0.3459, 0.3137

Rectangle

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



73.3183, 0.3550, 0.3740



73.3183, 0.3135, 0.3719



73.3183, 0.2711, 0.2849



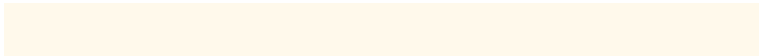
73.3183, 0.3100, 0.2906

Sweetspot

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



73.3216, 0.3550, 0.3740



94.9101, 0.3252, 0.3429



54.6682, 0.3492, 0.3083



20.1160, 0.3277, 0.3456



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.



73.3216, 0.3550, 0.3740



82.2286, 0.3644, 0.3833



81.4947, 0.3428, 0.3934



17.6113, 0.3276, 0.3455



25.7072, 0.4844, 0.4536



2.3118, 0.4738, 0.4620

Inverse Universe

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



55.7529, 0.2714, 0.2795



58.7337, 0.2624, 0.2680



49.4168, 0.2775, 0.2590



16.0022, 0.2980, 0.3120



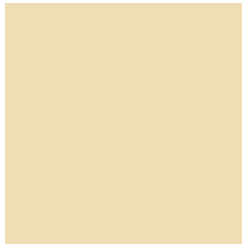
6.1869, 0.1611, 0.0998



0.6824, 0.1682, 0.1256

Previews

White Background



This preview shows how the Yxy color 73.3183, 0.3550, 0.3740 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 73.3183, 0.3550, 0.3740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

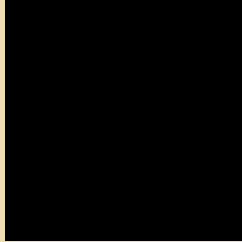
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.3183, 0.3550, 0.3740

Background



This preview shows how black text looks on a background with the Yxy color 73.3183, 0.3550, 0.3740.



This preview shows how white text looks on a background with the Yxy color 73.3183, 0.3550, 0.3740.

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

73.3183, 0.3550, 0.3740

Protanopia

73.3301, 0.3524, 0.3754

Deuteranopia

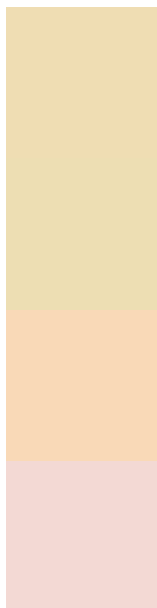
73.3637, 0.3646, 0.3600



Tritanopia

73.2751, 0.3238, 0.3116

Trichromacy



Original Color

73.3183, 0.3550, 0.3740

Protanomaly

73.5018, 0.3532, 0.3753

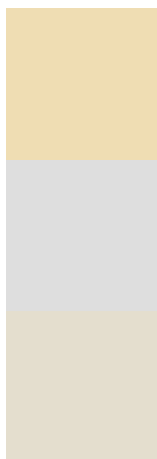
Deuteranomaly

73.1843, 0.3608, 0.3646

Tritanomaly

73.4339, 0.3353, 0.3343

Monochromacy



Original Color

73.3183, 0.3550, 0.3740

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.1928, 0.3277, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3183, 0.3550, 0.3740 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(239, 221, 179)` looks like.

```
.text, #text, p{  
    color:rgb(239, 221, 179)  
}
```

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(239, 221, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 221, 179) }
```

Border

The CSS property to change the border of an element to Yxy 73.3183, 0.3550, 0.3740 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(239, 221, 179) }
```

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

```
.border{ border-color:rgb(239, 221, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 221, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 221, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 221, 179);  
box-shadow:4px 4px 4px 4px rgb(239, 221,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3183, 0.3550, 0.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 221, 179) }
```

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

```
.background{ background-color: rgb(239,  
221, 179) }
```

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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