

Converting Colors

$Y_{xy}(74.7958, 0.3535, 0.3863)$

Have a look what the booklet for
Yxy(74.7958, 0.3535, 0.3863)
contains.

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Color

Yxy(74.7335, 0.3533, 0.3863)

Conversions

Conversions Part 1

Format	Color
Hex	E9E2AD
RGB	233, 226, 173
RGB Percent	91%, 89%, 68%
CMY	0.0862, 0.1137, 0.3214
CMYK	0.00, 0.03, 0.26, 0.09
HSL	53°, 58%, 80%
HSV	53°, 26%, 91%
XYZ	68.3493, 74.7335, 50.3769
YIQ	222.0510, 21.1850, -14.9990

Conversions

Conversions Part 2

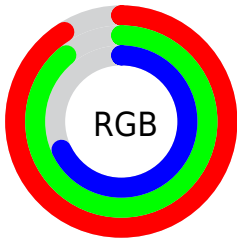
Format	Color
RYB	181, 233, 173
Decimal	15327917
CIELab	89.27, -5.79, 26.81
CIELCh	89, 27.427, 102.178
Yxy	74.7335, 0.3533, 0.3863
Android (android.graphics.Color)	4293517997 (0xFFE9E2AD)
YUV	222.0510, -24.1821, 9.6023
Hunter-Lab	86.4485, -10.1564, 25.9634

Details

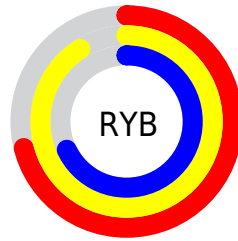
The Yxy color **74.7335, 0.3533, 0.3863** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.4365, 0.2691, 0.2644**, and the grayscale version is **73.2526, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4371, 0.3280, 0.3542**, and **39.8290, 0.3628, 0.4004** is the 20% darker color. If you saturate the color by 10%, you get **72.4416, 0.3698, 0.4087**, and if you desaturate by 10%, it is **77.2130, 0.3370, 0.3637**.

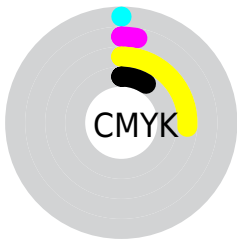
Distribution



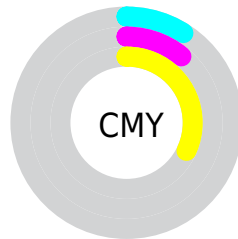
- Red (91%)
- Green (89%)
- Blue (68%)



- Red (71%)
- Yellow (91%)
- Blue (68%)



- Cyan (0%)
- Magenta (3%)
- Yellow (26%)
- Black (9%)





- Cyan (9%)
- Magenta (11%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.7335, 0.3533, 0.3863 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 74.7335, 0.3533, 0.3863 by changing the saturation by 10% instead.


 74.7335, 0.3533,
0.3863

 74.7335, 0.3533,
0.3863


477.0011, 0.3349,
0.3597

 55.3946, 0.3574,
0.3923


 125.9350, 0.3470,
0.3771

 39.7177, 0.3623,
0.3998


158.5665, 0.3445,
0.3735

 27.3185, 0.3684,
0.4091


196.3975, 0.3424,
0.3704

 17.8126, 0.3761,
0.4212

239.8126, 0.3405,
0.3677

 10.8155, 0.3860,
0.4373

289.1961, 0.3389,
0.3654

 5.9429, 0.3990,
0.4595

344.9324, 0.3374,

 2.8104, 0.4219,

0.3633

0.4986

407.4060, 0.3361,
0.3614

■ 1.0336, 0.4466,
0.5534

■ 0.0000, 0.0000,
0.0000

■ 74.7335, 0.3533,
0.3863

■ 74.7335, 0.3533,
0.3863

■ 72.4416, 0.3698,
0.4087

■ 77.2130, 0.3370,
0.3637

■ 70.3190, 0.3860,
0.4298


■ 79.8776, 0.3213,
0.3414

■ 68.3599, 0.4011,
0.4489

■ 82.7381, 0.3065,
0.3200

■ 66.5545, 0.4146,
0.4647

■ 85.0554, 0.2993,
0.3108

 64.8915, 0.4258,
0.4766


 86.6444, 0.2993,
0.3136

 63.3578, 0.4343,
0.4840


 88.2574, 0.2993,
0.3163

 61.9374, 0.4400,
0.4870

 89.8947, 0.2993,
0.3191

 61.3552, 0.4418,
0.4874

 91.5562, 0.2993,
0.3218

 93.2421, 0.2993,
0.3245

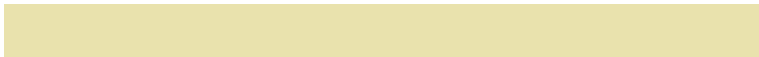
Harmonies

Analogous

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



74.7335, 0.3737, 0.3721



74.7335, 0.3533, 0.3863



74.7335, 0.3226, 0.3843

Triad

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



74.7335, 0.3533, 0.3863



74.7335, 0.2523, 0.3046



74.7335, 0.3335, 0.2966

Complementary

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



74.7335, 0.3533, 0.3863



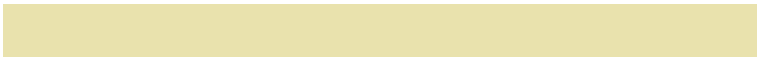
47.4365, 0.2691, 0.2644

Split Complementary

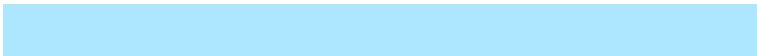
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.7335, 0.3001, 0.2803



74.7335, 0.3533, 0.3863



74.7335, 0.2547, 0.2834

Square

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



74.7335, 0.3533, 0.3863



74.7335, 0.2650, 0.3347



74.7335, 0.2717, 0.2752



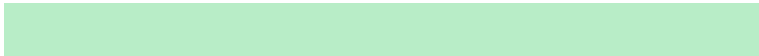
74.7335, 0.3622, 0.3208

Rectangle

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



74.7335, 0.3533, 0.3863



74.7335, 0.3007, 0.3731



74.7335, 0.2717, 0.2752



74.7335, 0.3224, 0.2901

Sweetspot

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



74.7369, 0.3533, 0.3863



97.2425, 0.3249, 0.3465



50.5658, 0.3602, 0.3201



20.7066, 0.3272, 0.3498



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.



74.7369, 0.3533, 0.3863



90.1559, 0.3622, 0.3985



75.1558, 0.3355, 0.3968



17.3087, 0.3271, 0.3496



34.9294, 0.4414, 0.4877



2.8280, 0.4380, 0.4905

Inverse Universe

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



47.4365, 0.2691, 0.2644



51.2234, 0.2586, 0.2484



47.3924, 0.2850, 0.2589



14.8325, 0.2980, 0.3075



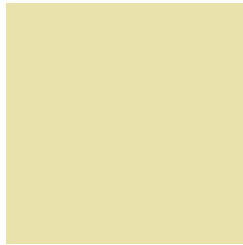
3.8809, 0.1524, 0.0686



0.3981, 0.1574, 0.0866

Previews

White Background



This preview shows how the Yxy color 74.7335, 0.3533, 0.3863 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 74.7335, 0.3533, 0.3863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

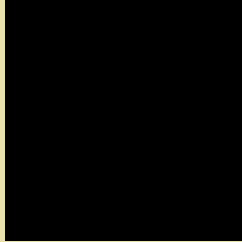
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.7335, 0.3533, 0.3863

Background



This preview shows how black text looks on a background with the Yxy color 74.7335, 0.3533, 0.3863.



This preview shows how white text looks on a background with the Yxy color 74.7335, 0.3533, 0.3863.

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

74.7335, 0.3533, 0.3863

Protanopia

74.6406, 0.3591, 0.3845

Deuteranopia

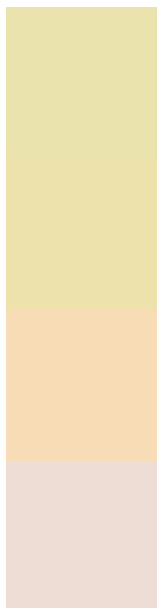
74.4736, 0.3625, 0.3599



Tritanopia

74.8417, 0.3178, 0.3116

Trichromacy



Original Color

74.7335, 0.3533, 0.3863

Protanomaly

74.8335, 0.3573, 0.3858

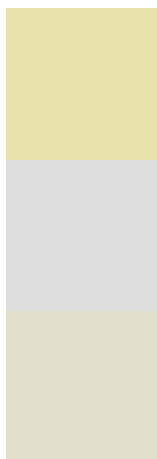
Deuteranomaly

74.3380, 0.3592, 0.3689

Tritanomaly

74.6435, 0.3311, 0.3385

Monochromacy



Original Color

74.7335, 0.3533, 0.3863

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.3037, 0.3275, 0.3497

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7335, 0.3533, 0.3863 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(233, 226, 173)` looks like.

```
.text, #text, p{  
    color:rgb(233, 226, 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(233, 226, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 226, 173) }
```

Border

The CSS property to change the border of an element to Yxy 74.7335, 0.3533, 0.3863 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(233, 226, 173) }
```

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

```
.border{ border-color:rgb(233, 226, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 226, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 226, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 226, 173);  
box-shadow:4px 4px 4px 4px rgb(233, 226,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7335, 0.3533, 0.3863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 226, 173) }
```

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

```
.background{ background-color: rgb(233,  
226, 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](#).

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