

Converting Colors

$Y_{xy}(72.6297, 0.3519, 0.3745)$

Have a look what the booklet for
Yxy(72.6297, 0.3519, 0.3745)
contains.

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Color

Yxy(72.6297, 0.3519, 0.3745)

Conversions

Conversions Part 1

Format	Color
Hex	EBDDB3
RGB	235, 221, 179
RGB Percent	92%, 87%, 70%
CMY	0.0785, 0.1333, 0.2981
CMYK	0.00, 0.06, 0.24, 0.08
HSL	45°, 58%, 81%
HSV	45°, 24%, 92%
XYZ	68.2467, 72.6297, 53.0614
YIQ	220.3980, 21.8260, -10.0940

Conversions

Conversions Part 2

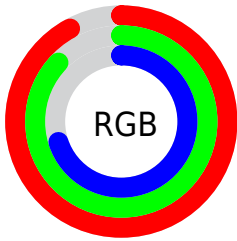
Format	Color
RYB	198, 235, 179
Decimal	15457715
CIELab	88.27, -1.71, 22.39
CIELCh	88, 22.455, 94.371
Yxy	72.6297, 0.3519, 0.3745
Android (android.graphics.Color)	4293647795 (0xFFEBDDB3)
YUV	220.3980, -20.4092, 12.8060
Hunter-Lab	85.2231, -6.1974, 22.7411

Details

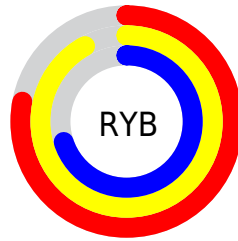
The Yxy color **72.6297, 0.3519, 0.3745** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.6952, 0.2734, 0.2789**, and the grayscale version is **71.9958, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **38.3625, 0.3614, 0.3852** is the 20% darker color. If you saturate the color by 10%, you get **68.7214, 0.3702, 0.3941**, and if you desaturate by 10%, it is **76.8145, 0.3346, 0.3550**.

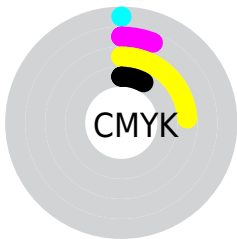
Distribution



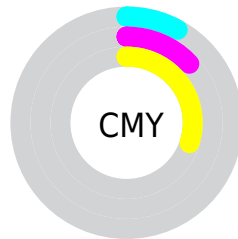
- Red (92%)
- Green (87%)
- Blue (70%)



- Red (78%)
- Yellow (92%)
- Blue (70%)



- Cyan (0%)
- Magenta (6%)
- Yellow (24%)
- Black (8%)




- Cyan (8%)
- Magenta (13%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.6297, 0.3519, 0.3745 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 72.6297, 0.3519, 0.3745 by changing the saturation by 10% instead.

 72.6297, 0.3519,
0.3745

 72.6297, 0.3519,
0.3745


469.7304, 0.3339,
0.3534

 53.6732, 0.3560,
0.3793

 122.9514, 0.3457,
0.3672

 38.3405, 0.3610,
0.3852


155.0854, 0.3432,
0.3644

 26.2470, 0.3672,
0.3926


192.3807, 0.3412,
0.3619

 17.0086, 0.3753,
0.4022

235.2217, 0.3393,
0.3598

 10.2406, 0.3859,
0.4151

283.9927, 0.3377,
0.3579

 5.5588, 0.4006,
0.4330

339.0783, 0.3363,

 2.5787, 0.4240,

0.3562

0.4619

400.8627, 0.3350,
0.3548

■ 0.9160, 0.4749,
0.5251

■ 0.0000, 0.0000,
0.0000

■ 72.6297, 0.3519,
0.3745

■ 72.6297, 0.3519,
0.3745

■ 68.7214, 0.3702,
0.3941

■ 76.8145, 0.3346,
0.3550

■ 65.0706, 0.3891,
0.4131

■ 81.2747, 0.3185,
0.3360

■ 61.6704, 0.4080,
0.4305

■ 86.0218, 0.3038,
0.3180

■ 58.5099, 0.4260,
0.4452

■ 89.8511, 0.3005,
0.3185

■ 55.5769, 0.4423,
0.4561

■ 93.4420, 0.3005,
0.3243

■ 52.8573, 0.4562,
0.4625

■ 96.3980, 0.3005,
0.3290

■ 50.3346, 0.4670,
0.4640

■ 48.8603, 0.4725,
0.4631

Harmonies

Analogous

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



72.6297, 0.3653, 0.3605



72.6297, 0.3519, 0.3745



72.6297, 0.3282, 0.3762

Triad

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



72.6297, 0.3519, 0.3745



72.6297, 0.2640, 0.3151



72.6297, 0.3229, 0.2976

Complementary

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



72.6297, 0.3519, 0.3745



53.6952, 0.2734, 0.2789

Split Complementary

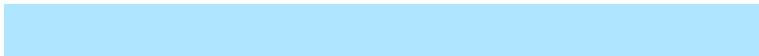
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.6297, 0.2956, 0.2861



72.6297, 0.3519, 0.3745



72.6297, 0.2626, 0.2950

Square

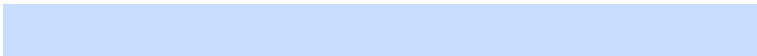
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.6297, 0.3519, 0.3745



72.6297, 0.2778, 0.3406



72.6297, 0.2739, 0.2849



72.6297, 0.3483, 0.3167

Rectangle

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



72.6297, 0.3519, 0.3745



72.6297, 0.3100, 0.3694



72.6297, 0.2739, 0.2849



72.6297, 0.3136, 0.2928

Sweetspot

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



72.6330, 0.3519, 0.3745



96.0962, 0.3235, 0.3420



53.7421, 0.3500, 0.3136



20.4982, 0.3245, 0.3431



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.



72.6330, 0.3519, 0.3745



84.9128, 0.3615, 0.3849



78.0256, 0.3386, 0.3905



16.9539, 0.3274, 0.3466



27.4118, 0.4714, 0.4639



2.3028, 0.4627, 0.4708

Inverse Universe

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



53.6952, 0.2734, 0.2789



58.1220, 0.2638, 0.2659



49.5666, 0.2824, 0.2636



15.1591, 0.2980, 0.3108



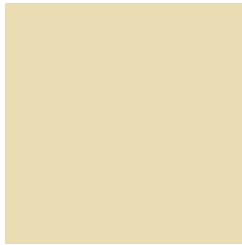
5.2260, 0.1580, 0.0889



0.5591, 0.1653, 0.1150

Previews

White Background



This preview shows how the Yxy color 72.6297, 0.3519, 0.3745 looks on a white background.

Color Contrast Check

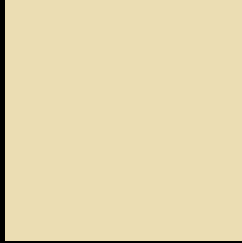
Large Text (above 18pt) WCAG AA × Fail

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 72.6297, 0.3519, 0.3745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

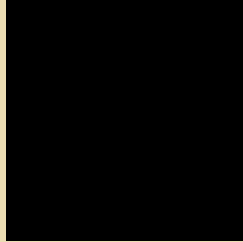
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.6297, 0.3519, 0.3745

Background



This preview shows how black text looks on a background with the Yxy color 72.6297, 0.3519, 0.3745.

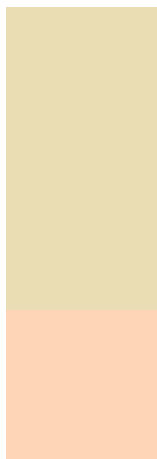


This preview shows how white text looks on a background with the Yxy color 72.6297, 0.3519, 0.3745.

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

72.6297, 0.3519, 0.3745

Protanopia

72.6297, 0.3519, 0.3745

Deuteranopia

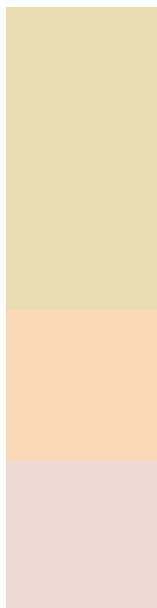
72.2674, 0.3666, 0.3600



Tritanopia

72.5634, 0.3208, 0.3115

Trichromacy



Original Color

72.6297, 0.3519, 0.3745

Protanomaly

72.6297, 0.3519, 0.3745

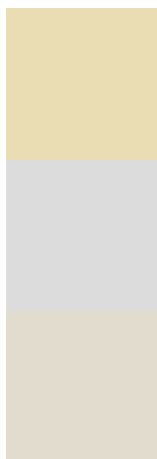
Deuteranomaly

72.4456, 0.3611, 0.3648

Tritanomaly

72.7299, 0.3323, 0.3343

Monochromacy



Original Color

72.6297, 0.3519, 0.3745

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.6017, 0.3264, 0.3454

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6297, 0.3519, 0.3745 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(235, 221, 179)` looks like.

```
.text, #text, p{  
    color:rgb(235, 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(235, 221, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 221, 179) }
```

Border

The CSS property to change the border of an element to Yxy 72.6297, 0.3519, 0.3745 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(235, 221, 179) }
```

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

```
.border{ border-color:rgb(235, 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(235, 221, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 221, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 221, 179);  
box-shadow:4px 4px 4px 4px rgb(235, 221,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6297, 0.3519, 0.3745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 221, 179) }
```

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

```
.background{ background-color: rgb(235,  
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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