

Converting Colors

$Y_{xy}(73.4671, 0.3539, 0.3763)$

Have a look what the booklet for
Yxy(73.4671, 0.3539, 0.3763)
contains.

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Color

Yxy(73.4614, 0.3539, 0.3763)

Conversions

Conversions Part 1

Format	Color
Hex	EDDEB2
RGB	237, 222, 178
RGB Percent	93%, 87%, 70%
CMY	0.0705, 0.1294, 0.3019
CMYK	0.00, 0.06, 0.25, 0.07
HSL	45°, 62%, 81%
HSV	45°, 25%, 93%
XYZ	69.0885, 73.4614, 52.6704
YIQ	221.4690, 23.0640, -10.5040

Conversions

Conversions Part 2

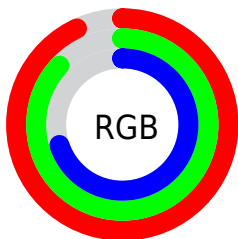
Format	Color
RYB	198, 237, 178
Decimal	15589042
CIELab	88.67, -1.59, 23.46
CIELCh	89, 23.515, 93.871
Yxy	73.4614, 0.3539, 0.3763
Android (android.graphics.Color)	4293779122 (0xFFEDDEB2)
YUV	221.4690, -21.4302, 13.6207
Hunter-Lab	85.7096, -6.1073, 23.5617

Details

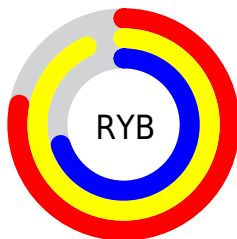
The Yxy color **73.4614, 0.3539, 0.3763** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.7437, 0.2715, 0.2767**, and the grayscale version is **72.7992, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **38.9419, 0.3639, 0.3874** is the 20% darker color. If you saturate the color by 10%, you get **69.4447, 0.3724, 0.3958**, and if you desaturate by 10%, it is **77.7639, 0.3364, 0.3568**.

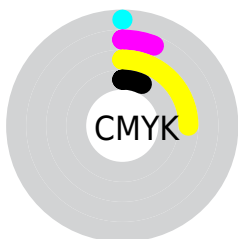
Distribution



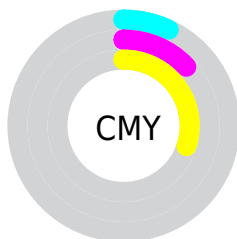
- Red (93%)
- Green (87%)
- Blue (70%)



- Red (78%)
- Yellow (93%)
- Blue (70%)



- Cyan (0%)
- Magenta (6%)
- Yellow (25%)
- Black (7%)





- Cyan (7%)
- Magenta (13%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4614, 0.3539, 0.3763 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 73.4614, 0.3539, 0.3763 by changing the saturation by 10% instead.


 73.4614, 0.3539,
0.3763

 73.4614, 0.3539,
0.3763

472.6124, 0.3350,
0.3545

 54.3533, 0.3582,
0.3812


 124.1320, 0.3474,
0.3687

 38.8842, 0.3634,
0.3873


156.4633, 0.3448,
0.3658

 26.6697, 0.3699,
0.3950


193.9712, 0.3426,
0.3633

 17.3253, 0.3782,
0.4048

237.0400, 0.3407,
0.3611

 10.4667, 0.3893,
0.4179

286.0541, 0.3390,
0.3591

 5.7095, 0.4043,
0.4361

341.3980, 0.3375,

 2.6692, 0.4283,

0.3574

0.4653

403.4559, 0.3362,
0.3558

■ 0.9616, 0.4760,
0.5240

■ 0.0000, 0.0000,
0.0000

■ 73.4614, 0.3539,
0.3763

■ 73.4614, 0.3539,
0.3763

■ 69.4447, 0.3724,
0.3958

■ 77.7639, 0.3364,
0.3568

■ 65.6944, 0.3914,
0.4145

■ 82.3514, 0.3202,
0.3379

■ 62.2032, 0.4104,
0.4316

■ 87.2356, 0.3053,
0.3199

■ 58.9598, 0.4285,
0.4458

■ 91.2222, 0.3018,
0.3202

■ 55.9516, 0.4448,
0.4563

■ 94.9559, 0.3018,
0.3262

■ 53.1638, 0.4586,
0.4621

■ 96.7476, 0.3017,
0.3290

■ 50.5788, 0.4692,
0.4629

■ 49.3226, 0.4738,
0.4620

Harmonies

Analogous

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



73.4614, 0.3677, 0.3614



73.4614, 0.3539, 0.3763



73.4614, 0.3293, 0.3785

Triad

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



73.4614, 0.3539, 0.3763



73.4614, 0.2621, 0.3149



73.4614, 0.3228, 0.2961

Complementary

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



73.4614, 0.3539, 0.3763



53.7437, 0.2715, 0.2767

Split Complementary

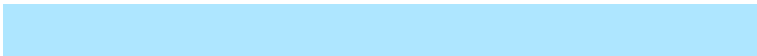
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.4614, 0.2944, 0.2843



73.4614, 0.3539, 0.3763



73.4614, 0.2604, 0.2938

Square

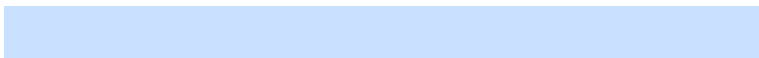
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4614, 0.3539, 0.3763



73.4614, 0.2766, 0.3416



73.4614, 0.2720, 0.2832



73.4614, 0.3494, 0.3158

Rectangle

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



73.4614, 0.3539, 0.3763



73.4614, 0.3103, 0.3715



73.4614, 0.2720, 0.2832



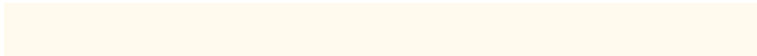
73.4614, 0.3131, 0.2911

Sweetspot

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



73.4647, 0.3539, 0.3763



96.0378, 0.3235, 0.3419



53.7430, 0.3513, 0.3118



20.4846, 0.3245, 0.3430



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.



73.4647, 0.3539, 0.3763



84.2110, 0.3635, 0.3865



79.5223, 0.3404, 0.3933



16.9399, 0.3274, 0.3465



27.1450, 0.4727, 0.4628



2.2838, 0.4637, 0.4700

Inverse Universe

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



53.7437, 0.2715, 0.2767



57.1219, 0.2620, 0.2639



49.1459, 0.2801, 0.2602



15.1722, 0.2980, 0.3109



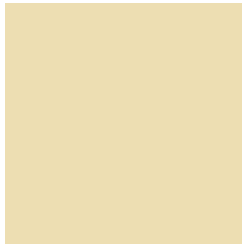
5.2997, 0.1583, 0.0900



0.5665, 0.1656, 0.1162

Previews

White Background



This preview shows how the Yxy color 73.4614, 0.3539, 0.3763 looks on a white background.

Color Contrast Check

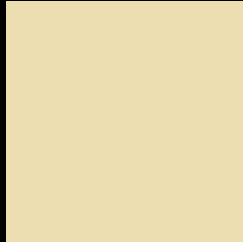
Large Text (above 18pt) WCAG AA × Fail

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 73.4614, 0.3539, 0.3763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

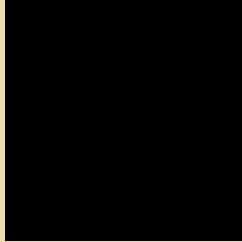
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

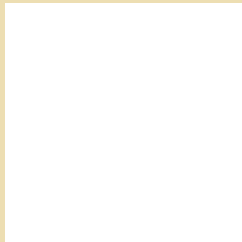
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.4614, 0.3539, 0.3763

Background



This preview shows how black text looks on a background with the Yxy color 73.4614, 0.3539, 0.3763.

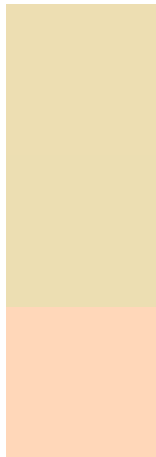


This preview shows how white text looks on a background with the Yxy color 73.4614, 0.3539, 0.3763.

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

73.4614, 0.3539, 0.3763

Protanopia

73.2898, 0.3531, 0.3765

Deuteranopia

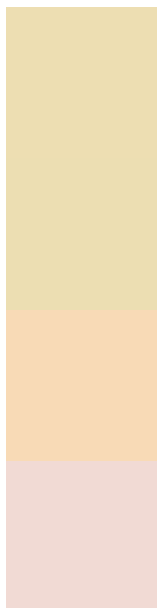
73.3637, 0.3646, 0.3600



Tritanopia

73.6035, 0.3229, 0.3126

Trichromacy



Original Color

73.4614, 0.3539, 0.3763

Protanomaly

73.2898, 0.3531, 0.3765

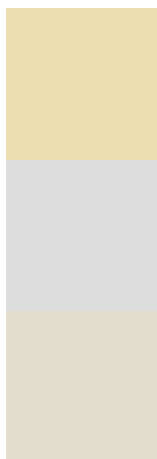
Deuteranomaly

73.4767, 0.3605, 0.3668

Tritanomaly

73.5970, 0.3337, 0.3354

Monochromacy



Original Color

73.4614, 0.3539, 0.3763

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.4516, 0.3278, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4614, 0.3539, 0.3763 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(237, 222, 178)` looks like.

```
.text, #text, p{  
    color:rgb(237, 222, 178)  
}
```

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(237, 222, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 222, 178) }
```

Border

The CSS property to change the border of an element to Yxy 73.4614, 0.3539, 0.3763 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(237, 222, 178) }
```

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

```
.border{ border-color:rgb(237, 222, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 222, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 222, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 222, 178); box-shadow:4px 4px 4px 4px rgb(237, 222, 178) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4614, 0.3539, 0.3763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 222, 178) }
```

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

```
.background{ background-color: rgb(237,  
222, 178) }
```

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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