

Converting Colors

$Yxy(76.2295, 0.3519, 0.3818)$

Have a look what the booklet for
Yxy(76.2295, 0.3519, 0.3818)
contains.

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Color

Yxy(75.9854, 0.3519, 0.3815)

Conversions

Conversions Part 1

Format	Color
Hex	ECE3B2
RGB	236, 227, 178
RGB Percent	93%, 89%, 70%
CMY	0.0746, 0.1097, 0.3019
CMYK	0.00, 0.04, 0.25, 0.07
HSL	51°, 60%, 81%
HSV	51°, 25%, 93%
XYZ	70.0898, 75.9854, 53.1002
YIQ	224.1050, 21.0930, -13.3310

Conversions

Conversions Part 2

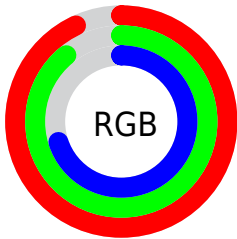
Format	Color
RYB	189, 236, 178
Decimal	15524786
CIELab	89.85, -4.53, 25.08
CIELCh	90, 25.486, 100.249
Yxy	75.9854, 0.3519, 0.3815
Android (android.graphics.Color)	4293714866 (0xFFECE3B2)
YUV	224.1050, -22.7298, 10.4319
Hunter-Lab	87.1696, -9.0217, 24.9017

Details

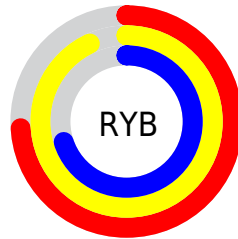
The Yxy color **75.9854, 0.3519, 0.3815** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.0482, 0.2715, 0.2704**, and the grayscale version is **74.7743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **40.6890, 0.3610, 0.3941** is the 20% darker color. If you saturate the color by 10%, you get **73.1480, 0.3689, 0.4032**, and if you desaturate by 10%, it is **79.0349, 0.3353, 0.3597**.

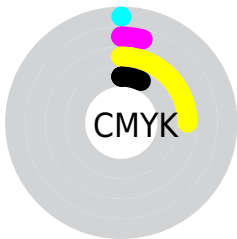
Distribution



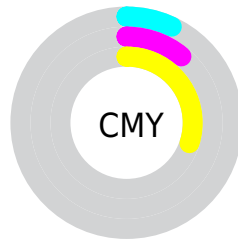
- Red (93%)
- Green (89%)
- Blue (70%)



- Red (74%)
- Yellow (93%)
- Blue (70%)



- Cyan (0%)
- Magenta (4%)
- Yellow (25%)
- Black (7%)





- Cyan (7%)
- Magenta (11%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.9854, 0.3519, 0.3815 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 75.9854, 0.3519, 0.3815 by changing the saturation by 10% instead.

 75.9854, 0.3519,
0.3815

 75.9854, 0.3519,
0.3815

481.2977, 0.3341,
0.3573

 56.4205, 0.3558,
0.3870


 127.7063, 0.3458,
0.3731

 40.5402, 0.3606,
0.3937


160.6311, 0.3434,
0.3699

 27.9600, 0.3666,
0.4022


198.7780, 0.3414,
0.3670

 18.2955, 0.3741,
0.4131

242.5313, 0.3396,
0.3646

 11.1623, 0.3840,
0.4277

292.2756, 0.3380,
0.3624

 6.1761, 0.3970,
0.4478

348.3952, 0.3365,

 2.9525, 0.4167,

0.3605

0.4794

411.2744, 0.3353,
0.3588

■ 1.1070, 0.4563,
0.5437

■ 0.0000, 0.0000,
0.0000

■ 75.9854, 0.3519,
0.3815

■ 75.9854, 0.3519,
0.3815

■ 73.1480, 0.3689,
0.4032

■ 79.0349, 0.3353,
0.3597

■ 70.5039, 0.3859,
0.4239

■ 82.2941, 0.3196,
0.3384

■ 68.0470, 0.4022,
0.4427

■ 85.7742, 0.3048,
0.3181

■ 65.7672, 0.4170,
0.4585

■ 88.3099, 0.3012,
0.3156

63.6529, 0.4298,
0.4705

90.4963, 0.3012,
0.3193

61.6906, 0.4398,
0.4779

92.7262, 0.3011,
0.3229

59.8641, 0.4470,
0.4808

94.9998, 0.3011,
0.3265

58.9136, 0.4500,
0.4809

96.5671, 0.3011,
0.3290

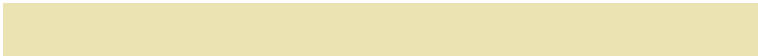
Harmonies

Analogous

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



75.9854, 0.3698, 0.3678



75.9854, 0.3519, 0.3815



75.9854, 0.3239, 0.3806

Triad

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



75.9854, 0.3519, 0.3815



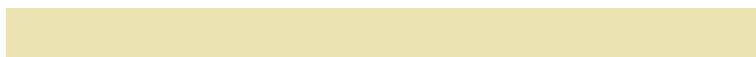
75.9854, 0.2570, 0.3082



75.9854, 0.3300, 0.2977

Complementary

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



75.9854, 0.3519, 0.3815



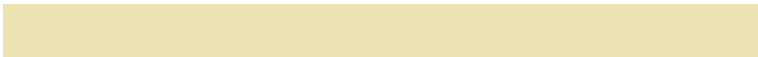
51.0482, 0.2715, 0.2704

Split Complementary

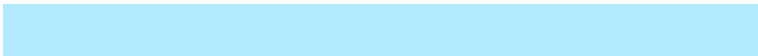
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.9854, 0.2993, 0.2831



75.9854, 0.3519, 0.3815



75.9854, 0.2583, 0.2878

Square

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



75.9854, 0.3519, 0.3815



75.9854, 0.2697, 0.3362



75.9854, 0.2734, 0.2792



75.9854, 0.3570, 0.3199

Rectangle

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



75.9854, 0.3519, 0.3815



75.9854, 0.3036, 0.3708



75.9854, 0.2734, 0.2792



75.9854, 0.3197, 0.2918

Sweetspot

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



75.9888, 0.3519, 0.3815



97.1567, 0.3234, 0.3436



53.2917, 0.3558, 0.3184



20.7444, 0.3243, 0.3449



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.



75.9888, 0.3519, 0.3815



89.0460, 0.3596, 0.3915



77.8845, 0.3359, 0.3932



17.2075, 0.3272, 0.3488



32.6404, 0.4494, 0.4814



2.6700, 0.4446, 0.4852

Inverse Universe

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



51.0482, 0.2715, 0.2704



54.9567, 0.2629, 0.2577



49.8173, 0.2850, 0.2621



14.9245, 0.2980, 0.3084



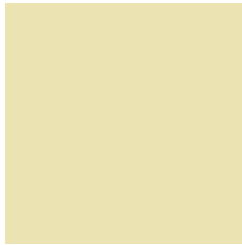
4.1670, 0.1537, 0.0731



0.4417, 0.1596, 0.0946

Previews

White Background



This preview shows how the Yxy color 75.9854, 0.3519, 0.3815 looks on a white background.

Color Contrast Check

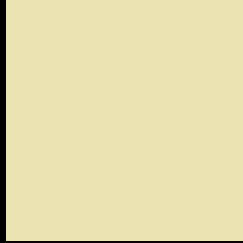
Large Text (above 18pt) WCAG AA × Fail

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 75.9854, 0.3519, 0.3815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

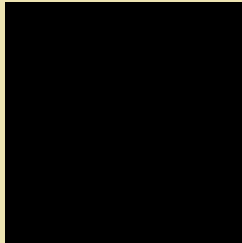
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

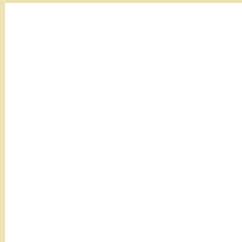
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.9854, 0.3519, 0.3815

Background



This preview shows how black text looks on a background with the Yxy color 75.9854, 0.3519, 0.3815.



This preview shows how white text looks on a background with the Yxy color 75.9854, 0.3519, 0.3815.

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

75.9854, 0.3519, 0.3815

Protanopia

76.2678, 0.3566, 0.3809

Deuteranopia

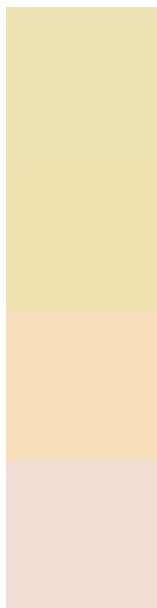
75.7288, 0.3584, 0.3567



Tritanopia

75.7739, 0.3185, 0.3117

Trichromacy



Original Color

75.9854, 0.3519, 0.3815

Protanomaly

75.9178, 0.3551, 0.3812

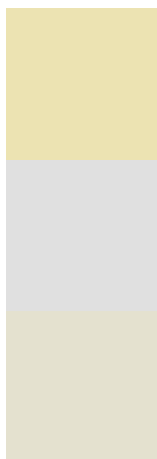
Deuteranomaly

75.7869, 0.3559, 0.3655

Tritanomaly

75.6741, 0.3304, 0.3364

Monochromacy



Original Color

75.9854, 0.3519, 0.3815

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.8494, 0.3267, 0.3484

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9854, 0.3519, 0.3815 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(236, 227, 178)` looks like.

```
.text, #text, p{  
    color:rgb(236, 227, 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(236, 227, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 227, 178) }
```

Border

The CSS property to change the border of an element to Yxy 75.9854, 0.3519, 0.3815 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(236, 227, 178) }
```

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

```
.border{ border-color:rgb(236, 227, 178) }
```

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

Here you see how a box with a 4 pixel rgb(236, 227, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 227, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 227, 178);  
box-shadow:4px 4px 4px 4px rgb(236, 227,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9854, 0.3519, 0.3815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 227, 178) }
```

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

```
.background{ background-color: rgb(236,  
227, 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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