

Converting Colors

$Y_{xy}(71.0556, 0.3558, 0.3944)$

Have a look what the booklet for
Yxy(71.0556, 0.3558, 0.3944)
contains.

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Color

Yxy(71.0556, 0.3558, 0.3944)

Conversions

Conversions Part 1

Format	Color
Hex	E2DEA3
RGB	226, 222, 163
RGB Percent	89%, 87%, 64%
CMY	0.1137, 0.1294, 0.3606
CMYK	0.00, 0.02, 0.28, 0.11
HSL	56°, 52%, 76%
HSV	56°, 28%, 89%
XYZ	64.1014, 71.0556, 45.0043
YIQ	216.4700, 21.3230, -17.5010

Conversions

Conversions Part 2

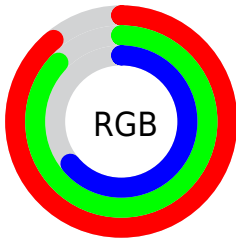
Format	Color
RYB	167, 226, 163
Decimal	14868131
CIELab	87.51, -7.70, 29.49
CIElCh	88, 30.477, 104.627
Yxy	71.0556, 0.3558, 0.3944
Android (android.graphics.Color)	4293058211 (0xFFE2DEA3)
YUV	216.4700, -26.3607, 8.3578
Hunter-Lab	84.2945, -11.7758, 27.3516

Details

The Yxy color **71.0556, 0.3558, 0.3944** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.9382, 0.2647, 0.2539**, and the grayscale version is **69.1838, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8420, 0.3345, 0.3651**, and **37.3312, 0.3652, 0.4098** is the 20% darker color. If you saturate the color by 10%, you get **69.5579, 0.3714, 0.4176**, and if you desaturate by 10%, it is **72.7110, 0.3400, 0.3706**.

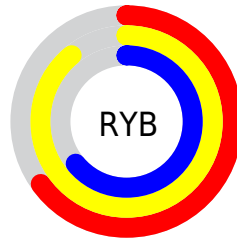
Distribution



Red (89%)

Green (87%)

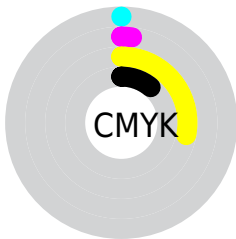
Blue (64%)



Red (65%)

Yellow (89%)

Blue (64%)

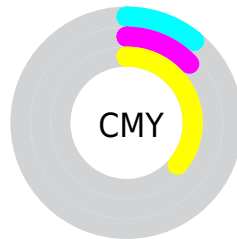


Cyan (0%)

Magenta (2%)

Yellow (28%)

Black (11%)



Cyan (11%)


Magenta (13%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.0556, 0.3558, 0.3944 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 71.0556, 0.3558, 0.3944 by changing the saturation by 10% instead.


 71.0556, 0.3558,
0.3944


 71.0556, 0.3558,
0.3944


464.2478, 0.3362,
0.3637

 52.3876, 0.3601,
0.4014


 120.7129, 0.3491,
0.3837

 37.3141, 0.3653,
0.4101


 152.4709, 0.3465,
0.3796

 25.4508, 0.3718,
0.4211


189.3611, 0.3442,
0.3760

 16.4132, 0.3798,
0.4353

231.7678, 0.3422,
0.3729

 9.8170, 0.3900,
0.4543

280.0754, 0.3405,
0.3702

 5.2778, 0.4027,
0.4804

334.6684, 0.3389,

 2.4112, 0.4415,

0.3678

0.5474

395.9310, 0.3375,
0.3656

0.8316, 0.4201,
0.5799

0.0000, 0.0000,
0.0000

71.0556, 0.3558,
0.3944

71.0556, 0.3558,
0.3944

69.5579, 0.3714,
0.4176

72.7110, 0.3400,
0.3706

68.2005, 0.3863,
0.4392

74.5218, 0.3245,
0.3470

66.9784, 0.3998,
0.4583

76.4977, 0.3096,
0.3242

65.8820, 0.4113,
0.4740

78.6450, 0.2956,
0.3026

64.9007, 0.4204,
0.4855

79.5392, 0.2948,
0.3025

64.0222, 0.4267,
0.4926

80.3402, 0.2948,
0.3040

63.2289, 0.4304,
0.4955

81.1479, 0.2948,
0.3055

63.0646, 0.4311,
0.4959

81.9621, 0.2948,
0.3070

82.7831, 0.2949,
0.3085

Harmonies

Analogous

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



71.0556, 0.3803, 0.3791



71.0556, 0.3558, 0.3944



71.0556, 0.3206, 0.3909

Triad

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



71.0556, 0.3558, 0.3944



71.0556, 0.2445, 0.2987



71.0556, 0.3391, 0.2946

Complementary

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



71.0556, 0.3558, 0.3944



40.9382, 0.2647, 0.2539

Split Complementary

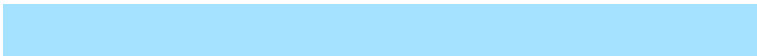
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.0556, 0.3014, 0.2755



71.0556, 0.3558, 0.3944



71.0556, 0.2486, 0.2763

Square

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



71.0556, 0.3558, 0.3944



71.0556, 0.2572, 0.3322



71.0556, 0.2687, 0.2686



71.0556, 0.3708, 0.3220

Rectangle

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



71.0556, 0.3558, 0.3944



71.0556, 0.2961, 0.3771



71.0556, 0.2687, 0.2686



71.0556, 0.3266, 0.2871

Sweetspot

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



71.0588, 0.3558, 0.3944



97.9287, 0.3248, 0.3475



45.1776, 0.3694, 0.3243



20.8808, 0.3271, 0.3510



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.



71.0588, 0.3558, 0.3944



92.3418, 0.3642, 0.4069



69.1490, 0.3342, 0.4033



15.8721, 0.3269, 0.3507



36.0413, 0.4309, 0.4961



2.5440, 0.4289, 0.4976

Inverse Universe

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



40.9382, 0.2647, 0.2539



46.9944, 0.2539, 0.2369



42.6892, 0.2858, 0.2533



13.3827, 0.2981, 0.3063



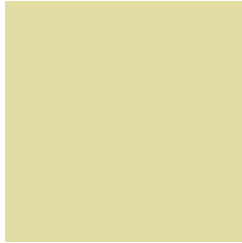
3.3768, 0.1512, 0.0642



0.2841, 0.1545, 0.0762

Previews

White Background



This preview shows how the Yxy color 71.0556, 0.3558, 0.3944 looks on a white background.

Color Contrast Check

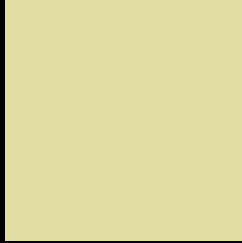
Large Text (above 18pt) WCAG AA × Fail

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 71.0556, 0.3558, 0.3944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

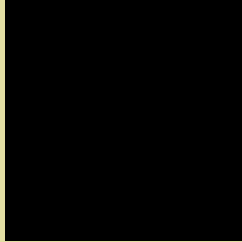
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.0556, 0.3558, 0.3944

Background



This preview shows how black text looks on a background with the Yxy color 71.0556, 0.3558, 0.3944.



This preview shows how white text looks on a background with the Yxy color 71.0556, 0.3558, 0.3944.

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

71.0556, 0.3558, 0.3944

Protanopia

70.9338, 0.3644, 0.3910

Deuteranopia

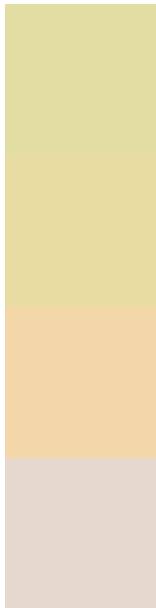
70.7888, 0.3762, 0.3705



Tritanopia

70.7941, 0.3165, 0.3111

Trichromacy



Original Color

71.0556, 0.3558, 0.3944

Protanomaly

70.9508, 0.3617, 0.3925

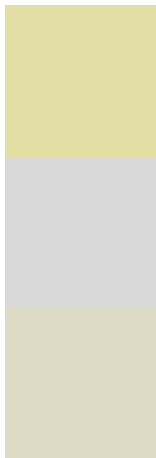
Deuteranomaly

70.6611, 0.3684, 0.3791

Tritanomaly

70.5569, 0.3307, 0.3399

Monochromacy



Original Color

71.0556, 0.3558, 0.3944

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.3897, 0.3285, 0.3525

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0556, 0.3558, 0.3944 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(226, 222, 163)` looks like.

```
.text, #text, p{  
    color:rgb(226, 222, 163)  
}
```

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(226, 222, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 222, 163) }
```

Border

The CSS property to change the border of an element to Yxy 71.0556, 0.3558, 0.3944 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(226, 222, 163) }
```

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

```
.border{ border-color:rgb(226, 222, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 222, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 222, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 222, 163);  
box-shadow:4px 4px 4px 4px rgb(226, 222,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0556, 0.3558, 0.3944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 222, 163) }
```

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

```
.background{ background-color: rgb(226,  
222, 163) }
```

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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