

Converting Colors

$Yxy(71.3855, 0.3468, 0.3663)$

Have a look what the booklet for
Yxy(71.3855, 0.3468, 0.3663)
contains.

Yxy(71.4895, 0.3466, 0.3660)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(71.4895, 0.3466, 0.3660)

Conversions

Conversions Part 1

Format	Color
Hex	E9DBB9
RGB	233, 219, 185
RGB Percent	91%, 86%, 73%
CMY	0.0862, 0.1412, 0.2745
CMYK	0.00, 0.06, 0.21, 0.09
HSL	42°, 52%, 82%
HSV	42°, 21%, 91%
XYZ	67.7002, 71.4895, 56.1368
YIQ	219.3100, 19.2580, -7.6060

Conversions

Conversions Part 2

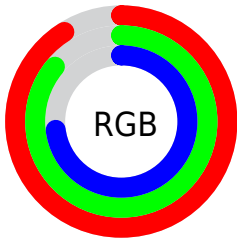
Format	Color
R _Y B	205, 233, 185
Decimal	15326137
CIE Lab	87.72, -0.55, 18.46
CIE LCh	88, 18.469, 91.693
Yxy	71.4895, 0.3466, 0.3660
Android (android.graphics.Color)	4293516217 (0xFFE9DBB9)
YUV	219.3100, -16.9148, 12.0061
Hunter-Lab	84.5515, -5.0405, 19.8212

Details

The Yxy color **71.4895, 0.3466, 0.3660** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.0684, 0.2794, 0.2890**, and the grayscale version is **71.1791, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **37.5640, 0.3545, 0.3744** is the 20% darker color. If you saturate the color by 10%, you get **67.1070, 0.3651, 0.3847**, and if you desaturate by 10%, it is **76.1851, 0.3294, 0.3476**.

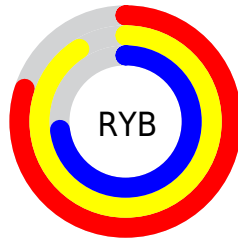
Distribution



Red (91%)

Green (86%)

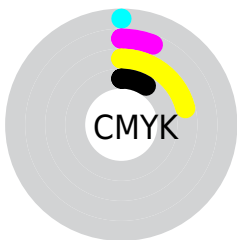
Blue (73%)



Red (80%)

Yellow (91%)

Blue (73%)

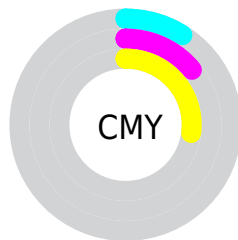


Cyan (0%)

Magenta (6%)

Yellow (21%)

Black (9%)



Cyan (9%)


Magenta (14%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.4895, 0.3466, 0.3660 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 71.4895, 0.3466, 0.3660 by changing the saturation by 10% instead.

 71.4895, 0.3466,
0.3660

 71.4895, 0.3466,
0.3660


465.7628, 0.3309,
0.3488

 52.7418, 0.3502,
0.3699

 121.3305, 0.3412,
0.3600

 37.5967, 0.3546,
0.3748


153.1925, 0.3390,
0.3577

 25.6698, 0.3601,
0.3809


190.1947, 0.3372,
0.3557

 16.5768, 0.3674,
0.3888

232.7215, 0.3356,
0.3540

 9.9332, 0.3771,
0.3996

281.1573, 0.3342,
0.3525

 5.3547, 0.3908,
0.4148

335.8866, 0.3330,

 2.4568, 0.4115,

0.3511

0.4378

397.2936, 0.3319,
0.3499

0.8549, 0.4832,
0.5168

0.0000, 0.0000,
0.0000

71.4895, 0.3466,
0.3660

71.4895, 0.3466,
0.3660

67.1070, 0.3651,
0.3847

76.1851, 0.3294,
0.3476

63.0184, 0.3847,
0.4030

81.1931, 0.3136,
0.3300

59.2166, 0.4047,
0.4202

86.5254, 0.2994,
0.3134

55.6906, 0.4245,
0.4351

90.6025, 0.2993,
0.3202

■ 52.4281, 0.4431,
0.4467

■ 94.8266, 0.2994,
0.3270

■ 49.4153, 0.4597,
0.4539

■ 96.0681, 0.2994,
0.3290

■ 46.6361, 0.4733,
0.4562

■ 44.2135, 0.4835,
0.4543

Harmonies

Analogous

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



71.4895, 0.3566, 0.3539



71.4895, 0.3466, 0.3660



71.4895, 0.3276, 0.3682

Triad

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



71.4895, 0.3466, 0.3660



71.4895, 0.2728, 0.3195



71.4895, 0.3192, 0.3017

Complementary

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



71.4895, 0.3466, 0.3660



57.0684, 0.2794, 0.2890

Split Complementary

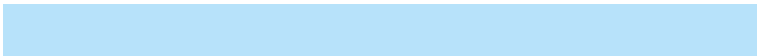
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.4895, 0.2968, 0.2928



71.4895, 0.3466, 0.3660



71.4895, 0.2707, 0.3022

Square

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



71.4895, 0.3466, 0.3660



71.4895, 0.2852, 0.3406



71.4895, 0.2793, 0.2927



71.4895, 0.3405, 0.3173

Rectangle

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



71.4895, 0.3466, 0.3660



71.4895, 0.3127, 0.3631



71.4895, 0.2793, 0.2927



71.4895, 0.3115, 0.2978

Sweetspot

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



71.4927, 0.3466, 0.3660



96.2339, 0.3220, 0.3395



56.1752, 0.3418, 0.3131



20.5121, 0.3230, 0.3406



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.



71.4927, 0.3466, 0.3660



85.2373, 0.3548, 0.3744



77.5517, 0.3368, 0.3815



16.8402, 0.3275, 0.3456



25.3055, 0.4823, 0.4553



2.1518, 0.4715, 0.4638

Inverse Universe

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



57.0684, 0.2794, 0.2890



64.3624, 0.2714, 0.2790



52.1400, 0.2853, 0.2731



15.2661, 0.2980, 0.3118



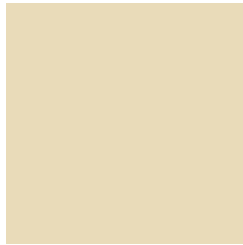
5.8760, 0.1606, 0.0982



0.6224, 0.1681, 0.1253

Previews

White Background



This preview shows how the Yxy color 71.4895, 0.3466, 0.3660 looks on a white background.

Color Contrast Check

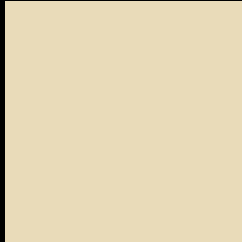
Large Text (above 18pt) WCAG AA × Fail

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 71.4895, 0.3466, 0.3660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

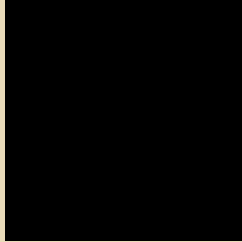
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

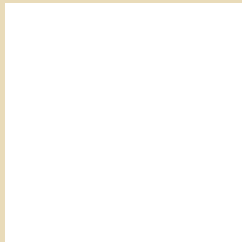
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.4895, 0.3466, 0.3660

Background



This preview shows how black text looks on a background with the Yxy color 71.4895, 0.3466, 0.3660.

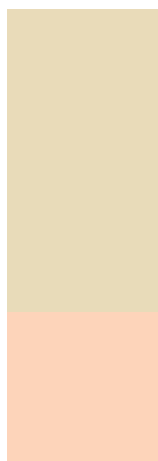


This preview shows how white text looks on a background with the Yxy color 71.4895, 0.3466, 0.3660.

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

71.4895, 0.3466, 0.3660

Protanopia

71.3216, 0.3458, 0.3661

Deuteranopia

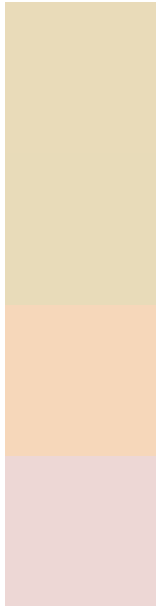
71.5148, 0.3630, 0.3561



Tritanopia

71.5964, 0.3208, 0.3124

Trichromacy



Original Color

71.4895, 0.3466, 0.3660

Protanomaly

71.3216, 0.3458, 0.3661

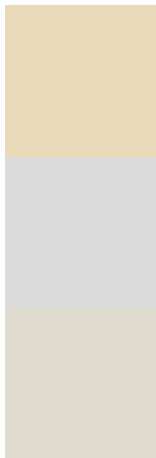
Deuteranomaly

71.7389, 0.3568, 0.3597

Tritanomaly

71.4095, 0.3304, 0.3312

Monochromacy



Original Color

71.4895, 0.3466, 0.3660

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.0153, 0.3244, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4895, 0.3466, 0.3660 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, 219, 185)` looks like.

```
.text, #text, p{  
    color:rgb(233, 219, 185)  
}
```

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, 219, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 219, 185) }
```

Border

The CSS property to change the border of an element to Yxy 71.4895, 0.3466, 0.3660 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, 219, 185) }
```

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

```
.border{ border-color:rgb(233, 219, 185) }
```

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

Here you see how a box with a 4 pixel rgb(233, 219, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 219, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 219, 185);  
box-shadow:4px 4px 4px 4px rgb(233, 219,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4895, 0.3466, 0.3660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 219, 185) }
```

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

```
.background{ background-color: rgb(233,  
219, 185) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor