

Converting Colors

$Yxy(71.4186, 0.3663, 0.3993)$

Have a look what the booklet for
Yxy(71.4186, 0.3663, 0.3993)
contains.

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Color

Yxy(71.4368, 0.3663, 0.3998)

Conversions

Conversions Part 1

Format	Color
Hex	E9DD9C
RGB	233, 221, 156
RGB Percent	91%, 87%, 61%
CMY	0.0864, 0.1333, 0.3882
CMYK	0.00, 0.05, 0.33, 0.09
HSL	51°, 64%, 76%
HSV	51°, 33%, 91%
XYZ	65.4510, 71.4368, 41.7936
YIQ	217.1780, 28.0170, -17.6710

Conversions

Conversions Part 2

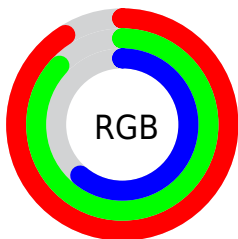
Format	Color
RYB	170, 233, 156
Decimal	15326620
CIELab	87.70, -5.44, 33.44
CIELCh	88, 33.877, 99.235
Yxy	71.4368, 0.3663, 0.3998
Android (android.graphics.Color)	4293516700 (0xFFE9DD9C)
YUV	217.1780, -30.1608, 13.8759
Hunter-Lab	84.5203, -9.6834, 29.8465

Details

The Yxy color **71.4368, 0.3663, 0.3998** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.9333, 0.2554, 0.2465**, and the grayscale version is **69.7113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4831, 0.3388, 0.3721**, and **37.5020, 0.3779, 0.4163** is the 20% darker color. If you saturate the color by 10%, you get **68.8371, 0.3833, 0.4207**, and if you desaturate by 10%, it is **74.2354, 0.3493, 0.3781**.

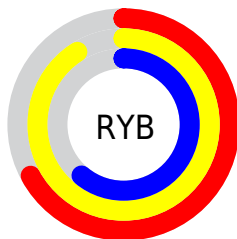
Distribution



Red (91%)

Green (87%)

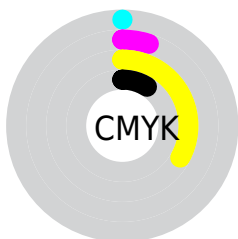
Blue (61%)



Red (67%)

Yellow (91%)

Blue (61%)

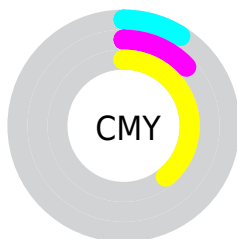


Cyan (0%)

Magenta (5%)

Yellow (33%)

Black (9%)



Cyan (9%)


Magenta (13%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.4368, 0.3663, 0.3998 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 71.4368, 0.3663, 0.3998 by changing the saturation by 10% instead.


 71.4368, 0.3663,
0.3998


 71.4368, 0.3663,
0.3998


465.5789, 0.3420,
0.3669

 52.6987, 0.3716,
0.4072


 121.2555, 0.3580,
0.3884

 37.5623, 0.3781,
0.4163


 153.1049, 0.3547,
0.3840

 25.6432, 0.3860,
0.4277


190.0935, 0.3519,
0.3802

 16.5569, 0.3958,
0.4422

232.6057, 0.3494,
0.3768

 9.9191, 0.4081,
0.4611

281.0260, 0.3472,
0.3739

 5.3453, 0.4230,
0.4859

335.7387, 0.3453,

 2.4513, 0.4588,

0.3713

0.5412

397.1282, 0.3435,
0.3690

0.8521, 0.4428,
0.5572

0.0000, 0.0000,
0.0000

71.4368, 0.3663,
0.3998

71.4368, 0.3663,
0.3998

68.8371, 0.3833,
0.4207

74.2354, 0.3493,
0.3781

66.4176, 0.3998,
0.4398


77.2315, 0.3328,
0.3564


64.1718, 0.4149,
0.4562


80.4358, 0.3172,
0.3352


62.0887, 0.4280,
0.4688


83.8557, 0.3027,
0.3151


 60.1556, 0.4385,
0.4769

 86.3202, 0.2993,
0.3130


 58.3573, 0.4462,
0.4805

 88.4582, 0.2993,
0.3167

 57.1675, 0.4501,
0.4808

 90.6389, 0.2993,
0.3203

 92.8623, 0.2993,
0.3239

 95.1287, 0.2993,
0.3275

Harmonies

Analogous

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



71.4368, 0.3905, 0.3794



71.4368, 0.3663, 0.3998



71.4368, 0.3285, 0.4006

Triad

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



71.4368, 0.3663, 0.3998



71.4368, 0.2386, 0.3010



71.4368, 0.3344, 0.2865

Complementary

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



71.4368, 0.3663, 0.3998



40.9333, 0.2554, 0.2465

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.



71.4368, 0.2928, 0.2677



71.4368, 0.3663, 0.3998



71.4368, 0.2398, 0.2738

Square

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



71.4368, 0.3663, 0.3998



71.4368, 0.2557, 0.3397



71.4368, 0.2589, 0.2627



71.4368, 0.3720, 0.3152

Rectangle

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



71.4368, 0.3663, 0.3998



71.4368, 0.3012, 0.3878



71.4368, 0.2589, 0.2627



71.4368, 0.3203, 0.2789

Sweetspot

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



71.4401, 0.3663, 0.3998



95.9674, 0.3281, 0.3500



43.9536, 0.3766, 0.3145



20.4242, 0.3303, 0.3530



0.0000, 0.0000, 0.0000



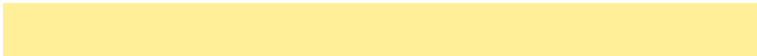
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.4401, 0.3663, 0.3998



85.3974, 0.3785, 0.4149



73.9627, 0.3435, 0.4169



17.2058, 0.3272, 0.3487



32.6014, 0.4495, 0.4813



2.6673, 0.4447, 0.4851

Inverse Universe

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



40.9333, 0.2554, 0.2465



42.3019, 0.2411, 0.2250



39.5631, 0.2732, 0.2360



14.9261, 0.2980, 0.3085



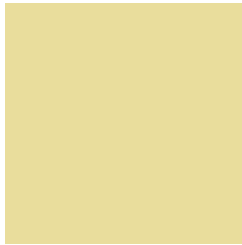
4.1727, 0.1537, 0.0732



0.4424, 0.1597, 0.0948

Previews

White Background



This preview shows how the Yxy color 71.4368, 0.3663, 0.3998 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 71.4368, 0.3663, 0.3998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

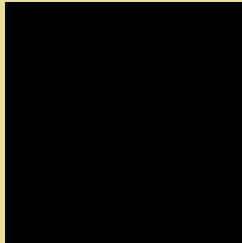
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.4368, 0.3663, 0.3998

Background



This preview shows how black text looks on a background with the Yxy color 71.4368, 0.3663, 0.3998.



This preview shows how white text looks on a background with the Yxy color 71.4368, 0.3663, 0.3998.

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

71.4368, 0.3663, 0.3998

Protanopia

71.5575, 0.3705, 0.3991

Deuteranopia

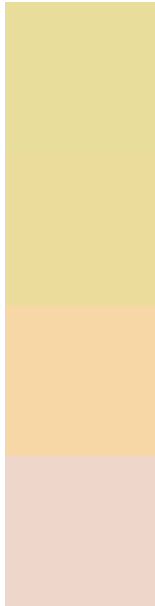
71.2492, 0.3766, 0.3725



Tritanopia

71.3892, 0.3231, 0.3124

Trichromacy



Original Color

71.4368, 0.3663, 0.3998

Protanomaly

71.3858, 0.3697, 0.3993

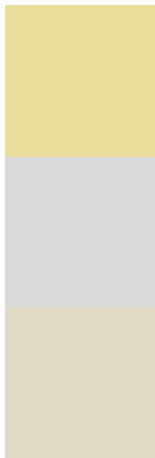
Deuteranomaly

71.0916, 0.3730, 0.3818

Tritanomaly

71.0423, 0.3390, 0.3429

Monochromacy



Original Color

71.4368, 0.3663, 0.3998

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.7709, 0.3321, 0.3546

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4368, 0.3663, 0.3998 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, 221, 156)` looks like.

```
.text, #text, p{  
    color:rgb(233, 221, 156)  
}
```

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, 221, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 221, 156) }
```

Border

The CSS property to change the border of an element to Yxy 71.4368, 0.3663, 0.3998 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, 221, 156) }
```

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

```
.border{ border-color:rgb(233, 221, 156) }
```

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

Here you see how a box with a 4 pixel rgb(233, 221, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 221, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 221, 156);  
box-shadow:4px 4px 4px 4px rgb(233, 221,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4368, 0.3663, 0.3998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 221, 156) }
```

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

```
.background{ background-color: rgb(233,  
221, 156) }
```

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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