

Converting Colors

$Yxy(68.9952, 0.3446, 0.3689)$

Have a look what the booklet for
Yxy(68.9952, 0.3446, 0.3689)
contains.

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Color

Yxy(69.1307, 0.3444, 0.3691)

Conversions

Conversions Part 1

Format	Color
Hex	E2D9B5
RGB	226, 217, 181
RGB Percent	89%, 85%, 71%
CMY	0.1139, 0.1489, 0.2902
CMYK	0.00, 0.04, 0.20, 0.11
HSL	48°, 44%, 80%
HSV	48°, 20%, 89%
XYZ	64.5045, 69.1307, 53.6601
YIQ	215.5870, 16.9200, -9.2880

Conversions

Conversions Part 2

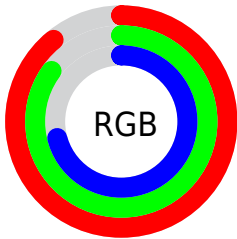
Format	Color
R _Y B	192, 226, 181
Decimal	14866869
CIE Lab	86.57, -2.71, 18.87
CIE LCh	87, 19.060, 98.183
Yxy	69.1307, 0.3444, 0.3691
Android (android.graphics.Color)	4293056949 (0xFFE2D9B5)
YUV	215.5870, -17.0514, 9.1322
Hunter-Lab	83.1449, -7.0217, 19.9368

Details

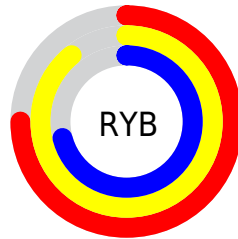
The Yxy color **69.1307, 0.3444, 0.3691** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.1061, 0.2803, 0.2854**, and the grayscale version is **68.4805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **35.9452, 0.3517, 0.3786** is the 20% darker color. If you saturate the color by 10%, you get **65.9988, 0.3617, 0.3899**, and if you desaturate by 10%, it is **72.4820, 0.3279, 0.3486**.

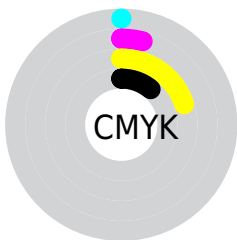
Distribution



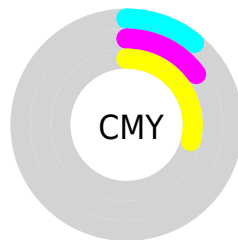
- Red (89%)
- Green (85%)
- Blue (71%)



- Red (75%)
- Yellow (89%)
- Blue (71%)



- Cyan (0%)
- Magenta (4%)
- Yellow (20%)
- Black (11%)





- Cyan (11%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.1307, 0.3444, 0.3691 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 69.1307, 0.3444, 0.3691 by changing the saturation by 10% instead.


 69.1307, 0.3444,
0.3691

 69.1307, 0.3444,
0.3691


457.4918, 0.3297,
0.3503

 50.8182, 0.3478,
0.3734


 117.9682, 0.3393,
0.3625

 36.0639, 0.3519,
0.3788


149.2620, 0.3373,
0.3600

 24.4836, 0.3571,
0.3857


185.6517, 0.3356,
0.3578

 15.6927, 0.3639,
0.3947

227.5216, 0.3341,
0.3559

 9.3070, 0.3731,
0.4069

275.2562, 0.3328,
0.3542

 4.9419, 0.3859,
0.4245

329.2398, 0.3316,

 2.2132, 0.4069,

0.3528

0.4540

389.8569, 0.3306,
0.3515

0.7272, 0.4622,
0.5378

0.0000, 0.0000,
0.0000

69.1307, 0.3444,
0.3691

69.1307, 0.3444,
0.3691

65.9988, 0.3617,
0.3899

72.4820, 0.3279,
0.3486

63.0694, 0.3795,
0.4102

76.0508, 0.3126,
0.3288

60.3372, 0.3972,
0.4293

79.8468, 0.2984,
0.3101

57.7931, 0.4141,
0.4460

82.7763, 0.2948,
0.3085

■ 55.4271, 0.4294,
0.4593

■ 85.3768, 0.2949,
0.3132

■ 53.2276, 0.4423,
0.4684

■ 88.0424, 0.2950,
0.3178

■ 51.1813, 0.4524,
0.4728

■ 90.7738, 0.2951,
0.3223

■ 49.2651, 0.4599,
0.4730

■ 93.5713, 0.2951,
0.3269

■ 49.2447, 0.4600,
0.4730

■ 94.8999, 0.2952,
0.3289

Harmonies

Analogous

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



69.1307, 0.3572, 0.3584



69.1307, 0.3444, 0.3691



69.1307, 0.3233, 0.3688

Triad

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



69.1307, 0.3444, 0.3691



69.1307, 0.2697, 0.3146



69.1307, 0.3246, 0.3036

Complementary

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



69.1307, 0.3444, 0.3691



52.1061, 0.2803, 0.2854

Split Complementary

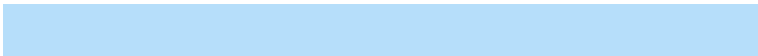
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.1307, 0.3009, 0.2926



69.1307, 0.3444, 0.3691



69.1307, 0.2699, 0.2981

Square

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



69.1307, 0.3444, 0.3691



69.1307, 0.2804, 0.3363



69.1307, 0.2811, 0.2904



69.1307, 0.3457, 0.3208

Rectangle

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



69.1307, 0.3444, 0.3691



69.1307, 0.3075, 0.3619



69.1307, 0.2811, 0.2904



69.1307, 0.3166, 0.2990

Sweetspot

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



69.1338, 0.3444, 0.3691



97.1308, 0.3219, 0.3408



52.9258, 0.3444, 0.3188



20.7245, 0.3229, 0.3422



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.



69.1338, 0.3444, 0.3691



89.1580, 0.3517, 0.3780



71.7650, 0.3326, 0.3800



15.5430, 0.3272, 0.3477



28.2802, 0.4592, 0.4736



2.0794, 0.4519, 0.4794

Inverse Universe

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



52.1061, 0.2803, 0.2854



62.7811, 0.2726, 0.2747



50.0703, 0.2899, 0.2759



13.6817, 0.2981, 0.3096



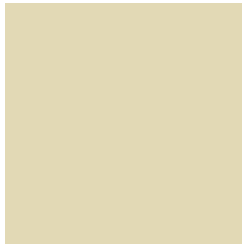
4.3305, 0.1555, 0.0799



0.4259, 0.1632, 0.1074

Previews

White Background



This preview shows how the Yxy color 69.1307, 0.3444, 0.3691 looks on a white background.

Color Contrast Check

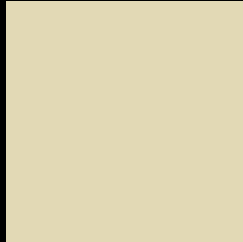
Large Text (above 18pt) WCAG AA × Fail

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 69.1307, 0.3444, 0.3691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

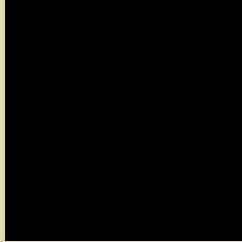
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

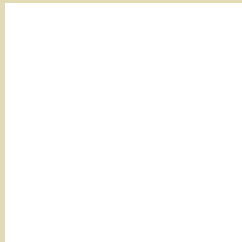
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.1307, 0.3444, 0.3691

Background



This preview shows how black text looks on a background with the Yxy color 69.1307, 0.3444, 0.3691.



This preview shows how white text looks on a background with the Yxy color 69.1307, 0.3444, 0.3691.

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

69.1307, 0.3444, 0.3691

Protanopia

69.1059, 0.3470, 0.3677

Deuteranopia

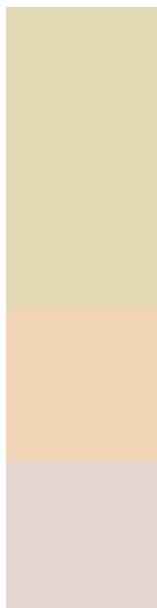
68.8546, 0.3640, 0.3554



Tritanopia

69.2904, 0.3172, 0.3120

Trichromacy



Original Color

69.1307, 0.3444, 0.3691

Protanomaly

68.9419, 0.3462, 0.3678

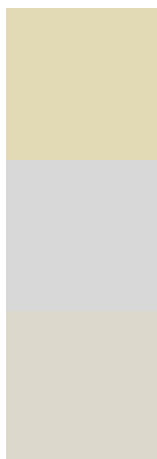
Deuteranomaly

68.6667, 0.3568, 0.3603

Tritanomaly

69.0646, 0.3275, 0.3323

Monochromacy



Original Color

69.1307, 0.3444, 0.3691

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.6392, 0.3245, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1307, 0.3444, 0.3691 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, 217, 181)` looks like.

```
.text, #text, p{  
    color:rgb(226, 217, 181)  
}
```

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, 217, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 217, 181) }
```

Border

The CSS property to change the border of an element to Yxy 69.1307, 0.3444, 0.3691 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, 217, 181) }
```

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

```
.border{ border-color:rgb(226, 217, 181) }
```

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

Here you see how a box with a 4 pixel rgb(226, 217, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 217, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 217, 181);  
box-shadow:4px 4px 4px 4px rgb(226, 217,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1307, 0.3444, 0.3691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 217, 181) }
```

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

```
.background{ background-color: rgb(226,  
217, 181) }
```

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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