

Converting Colors

$Yxy(70.3576, 0.3394, 0.3598)$

Have a look what the booklet for
Yxy(70.3576, 0.3394, 0.3598)
contains.

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Color

Yxy(70.3545, 0.3394, 0.3598)

Conversions

Conversions Part 1

Format	Color
Hex	E4DABE
RGB	228, 218, 190
RGB Percent	89%, 85%, 75%
CMY	0.1058, 0.1451, 0.2548
CMYK	0.00, 0.04, 0.17, 0.11
HSL	44°, 41%, 82%
HSV	44°, 17%, 89%
XYZ	66.3655, 70.3545, 58.8178
YIQ	217.7980, 14.9480, -6.5880

Conversions

Conversions Part 2

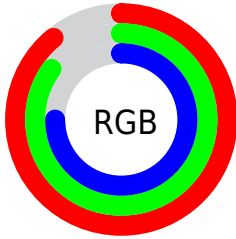
Format	Color
RYB	204, 228, 190
Decimal	14998206
CIELab	87.17, -1.12, 15.00
CIELCh	87, 15.037, 94.274
Yxy	70.3545, 0.3394, 0.3598
Android (android.graphics.Color)	4293188286 (0xFFE4DABE)
YUV	217.7980, -13.7044, 8.9472
Hunter-Lab	83.8776, -5.5532, 17.1382

Details

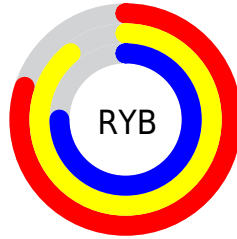
The Yxy color **70.3545, 0.3394, 0.3598** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.8837, 0.2861, 0.2962**, and the grayscale version is **70.0571, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **36.7712, 0.3451, 0.3665** is the 20% darker color. If you saturate the color by 10%, you get **66.3763, 0.3571, 0.3791**, and if you desaturate by 10%, it is **74.6079, 0.3229, 0.3410**.

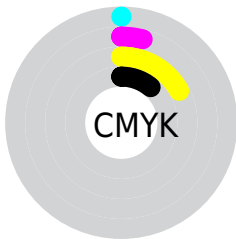
Distribution



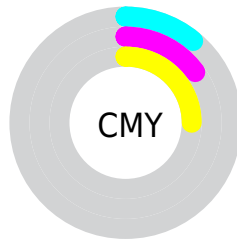
- Red (89%)
- Green (85%)
- Blue (75%)



- Red (80%)
- Yellow (89%)
- Blue (75%)



- Cyan (0%)
- Magenta (4%)
- Yellow (17%)
- Black (11%)




- Cyan (11%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.3545, 0.3394, 0.3598 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 70.3545, 0.3394, 0.3598 by changing the saturation by 10% instead.


 70.3545, 0.3394,
0.3598

 70.3545, 0.3394,
0.3598

461.7937, 0.3270,
0.3454

 51.8156, 0.3422,
0.3631

 119.7142, 0.3351,
0.3548

 36.8581, 0.3458,
0.3672


151.3037, 0.3334,
0.3529

 25.0976, 0.3502,
0.3724


188.0122, 0.3320,
0.3512

 16.1498, 0.3560,
0.3792

230.2242, 0.3307,
0.3497

 9.6302, 0.3639,
0.3885

278.3239, 0.3296,
0.3485

 5.1545, 0.3752,
0.4020

332.6958, 0.3286,

 2.3382, 0.3924,

0.3473

0.4227

393.7243, 0.3278,
0.3463

0.7938, 0.4781,
0.5219

0.0000, 0.0000,
0.0000

70.3545, 0.3394,
0.3598

70.3545, 0.3394,
0.3598

66.3763, 0.3571,
0.3791

74.6079, 0.3229,
0.3410

62.6557, 0.3759,
0.3983

79.1351, 0.3078,
0.3231

59.1866, 0.3951,
0.4166

83.7232, 0.2961,
0.3097

55.9593, 0.4142,
0.4330

87.2430, 0.2962,
0.3159

■ 52.9633, 0.4323,
0.4466

■ 90.8803, 0.2963,
0.3220

■ 50.1866, 0.4486,
0.4561

■ 94.6363, 0.2964,
0.3280

■ 47.6153, 0.4623,
0.4610

■ 95.2353, 0.2964,
0.3290

■ 45.2324, 0.4728,
0.4609

■ 44.4677, 0.4760,
0.4603

Harmonies

Analogous

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



70.3545, 0.3482, 0.3507



70.3545, 0.3394, 0.3598



70.3545, 0.3235, 0.3606

Triad

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



70.3545, 0.3394, 0.3598



70.3545, 0.2794, 0.3200



70.3545, 0.3197, 0.3074

Complementary

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



70.3545, 0.3394, 0.3598



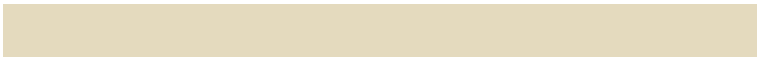
57.8837, 0.2861, 0.2962

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.



70.3545, 0.3012, 0.2995



70.3545, 0.3394, 0.3598



70.3545, 0.2784, 0.3062

Square

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



70.3545, 0.3394, 0.3598



70.3545, 0.2890, 0.3370



70.3545, 0.2862, 0.2989



70.3545, 0.3367, 0.3207

Rectangle

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



70.3545, 0.3394, 0.3598



70.3545, 0.3112, 0.3559



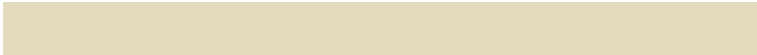
70.3545, 0.2862, 0.2989



70.3545, 0.3134, 0.3040

Sweetspot

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



70.3576, 0.3394, 0.3598



97.0804, 0.3204, 0.3381



57.5164, 0.3362, 0.3177



20.6929, 0.3215, 0.3393



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.



70.3576, 0.3394, 0.3598



88.8609, 0.3454, 0.3665



74.2939, 0.3312, 0.3711



16.1406, 0.3274, 0.3462



25.8784, 0.4749, 0.4611



2.0619, 0.4650, 0.4690

Inverse Universe

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



57.8837, 0.2861, 0.2962



69.9114, 0.2801, 0.2885



54.5733, 0.2922, 0.2850



14.5018, 0.2981, 0.3112



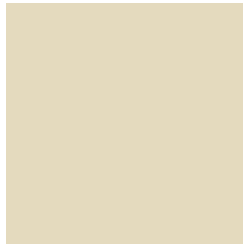
5.2714, 0.1589, 0.0920



0.5383, 0.1667, 0.1201

Previews

White Background



This preview shows how the Yxy color 70.3545, 0.3394, 0.3598 looks on a white background.

Color Contrast Check

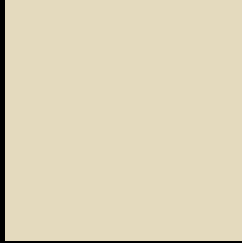
Large Text (above 18pt) WCAG AA × Fail

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 70.3545, 0.3394, 0.3598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

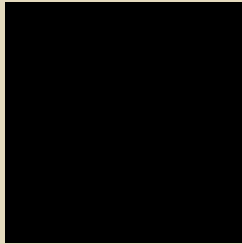
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

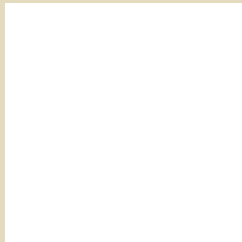
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.3545, 0.3394, 0.3598

Background



This preview shows how black text looks on a background with the Yxy color 70.3545, 0.3394, 0.3598.

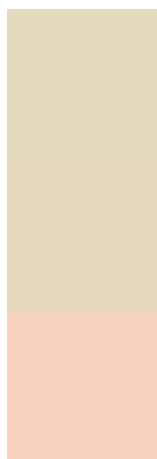


This preview shows how white text looks on a background with the Yxy color 70.3545, 0.3394, 0.3598.

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

70.3545, 0.3394, 0.3598

Protanopia

70.5185, 0.3402, 0.3598

Deuteranopia

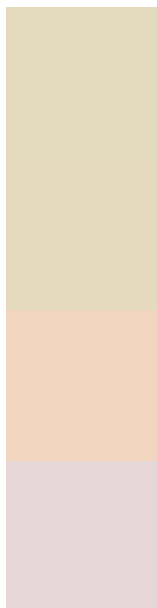
70.0387, 0.3559, 0.3480



Tritanopia

70.0677, 0.3165, 0.3111

Trichromacy



Original Color

70.3545, 0.3394, 0.3598

Protanomaly

70.5185, 0.3402, 0.3598

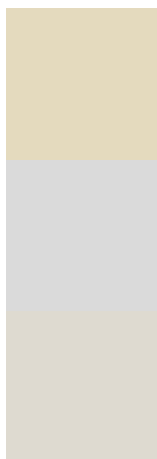
Deuteranomaly

70.0509, 0.3497, 0.3526

Tritanomaly

69.9884, 0.3246, 0.3280

Monochromacy



Original Color

70.3545, 0.3394, 0.3598

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.2265, 0.3224, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.3545, 0.3394, 0.3598 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(228, 218, 190)` looks like.

```
.text, #text, p{  
    color:rgb(228, 218, 190)  
}
```

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(228, 218, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 218, 190) }
```

Border

The CSS property to change the border of an element to Yxy 70.3545, 0.3394, 0.3598 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(228, 218, 190) }
```

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

```
.border{ border-color:rgb(228, 218, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 218, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 218, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 218, 190);  
box-shadow:4px 4px 4px 4px rgb(228, 218,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 70.3545, 0.3394, 0.3598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 218, 190) }
```

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

```
.background{ background-color: rgb(228,  
218, 190) }
```

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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