

Converting Colors

$Yxy(70.5143, 0.3333, 0.3694)$

Have a look what the booklet for
Yxy(70.5143, 0.3333, 0.3694)
contains.

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Color

Yxy(70.5394, 0.3332, 0.3696)

Conversions

Conversions Part 1

Format	Color
Hex	D9DEBA
RGB	217, 222, 186
RGB Percent	85%, 87%, 73%
CMY	0.1492, 0.1294, 0.2706
CMYK	0.02, 0.00, 0.16, 0.13
HSL	68°, 35%, 80%
HSV	68°, 16%, 87%
XYZ	63.5923, 70.5394, 56.7216
YIQ	216.4010, 8.5760, -12.2560

Conversions

Conversions Part 2

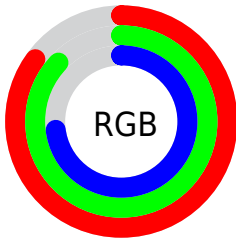
Format	Color
R _{YB}	186, 222, 191
Decimal	14278330
CIE Lab	87.26, -7.78, 17.11
CIE LCh	87, 18.794, 114.443
Yxy	70.5394, 0.3332, 0.3696
Android (android.graphics.Color)	4292468410 (0xFFD9DEBA)
YUV	216.4010, -14.9877, 0.5253
Hunter-Lab	83.9877, -11.8251, 18.7496

Details

The Yxy color **70.5394, 0.3332, 0.3696** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.4796, 0.2902, 0.2860**, and the grayscale version is **69.0557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **37.0123, 0.3378, 0.3794** is the 20% darker color. If you saturate the color by 10%, you get **69.1979, 0.3459, 0.3957**, and if you desaturate by 10%, it is **72.0428, 0.3205, 0.3442**.

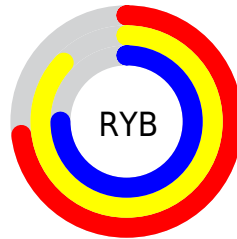
Distribution



Red (85%)

Green (87%)

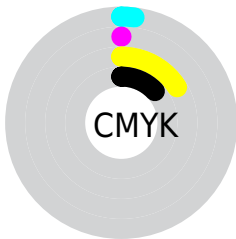
Blue (73%)



Red (73%)

Yellow (87%)

Blue (75%)

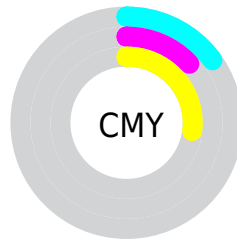


Cyan (2%)

Magenta (0%)

Yellow (16%)

Black (13%)



Cyan (15%)


Magenta (13%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.5394, 0.3332, 0.3696 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 70.5394, 0.3332, 0.3696 by changing the saturation by 10% instead.

 70.5394, 0.3332,
0.3696

 70.5394, 0.3332,
0.3696


462.4417, 0.3238,
0.3504

 51.9664, 0.3353,
0.3741


 119.9777, 0.3300,
0.3629

 36.9783, 0.3379,
0.3796


151.6117, 0.3287,
0.3603

 25.1907, 0.3411,
0.3868


188.3682, 0.3276,
0.3581

 16.2192, 0.3453,
0.3962

230.6316, 0.3267,
0.3561

 9.6794, 0.3507,
0.4092

278.7862, 0.3258,
0.3544

 5.1869, 0.3583,
0.4283

333.2165, 0.3251,

 2.3573, 0.3690,

0.3529

0.4589

394.3069, 0.3244,
0.3516

0.8038, 0.4167,
0.5833

0.0000, 0.0000,
0.0000

70.5394, 0.3332,
0.3696

70.5394, 0.3332,
0.3696

69.1979, 0.3459,
0.3957

72.0428, 0.3205,
0.3442

68.0021, 0.3582,
0.4216


73.7053, 0.3081,
0.3200


66.9480, 0.3694,
0.4466


75.5358, 0.2963,
0.2974

66.0274, 0.3792,
0.4694

76.1974, 0.2969,
0.2952


 65.2316, 0.3869,
0.4892


 76.7153, 0.2989,
0.2954


 64.5506, 0.3921,
0.5049


 77.2425, 0.3010,
0.2956


 63.9727, 0.3947,
0.5162

 77.7790, 0.3031,
0.2959

 63.4834, 0.3948,
0.5230

 78.3248, 0.3052,
0.2961

 63.3119, 0.3945,
0.5249

 78.8799, 0.3074,
0.2963

Harmonies

Analogous

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



70.5394, 0.3508, 0.3646



70.5394, 0.3332, 0.3696



70.5394, 0.3105, 0.3628

Triad

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



70.5394, 0.3332, 0.3696



70.5394, 0.2693, 0.3052



70.5394, 0.3363, 0.3127

Complementary

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



70.5394, 0.3332, 0.3696



51.4796, 0.2902, 0.2860

Split Complementary

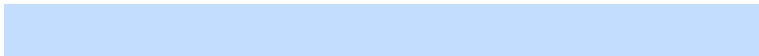
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.5394, 0.3136, 0.2982



70.5394, 0.3332, 0.3696



70.5394, 0.2755, 0.2934

Square

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



70.5394, 0.3332, 0.3696



70.5394, 0.2741, 0.3244



70.5394, 0.2915, 0.2911



70.5394, 0.3528, 0.3315

Rectangle

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



70.5394, 0.3332, 0.3696



70.5394, 0.2957, 0.3524



70.5394, 0.2915, 0.2911



70.5394, 0.3291, 0.3072

Sweetspot

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



70.5425, 0.3332, 0.3696



98.8683, 0.3190, 0.3413



56.2558, 0.3425, 0.3346



21.1288, 0.3199, 0.3430



0.0000, 0.0000, 0.0000



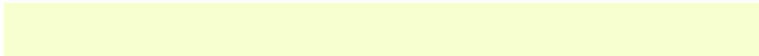
21.4041, 0.3127, 0.3290

Same Dimension

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



70.5425, 0.3332, 0.3696



95.9972, 0.3369, 0.3772



67.9669, 0.3201, 0.3713



15.9271, 0.3246, 0.3523



37.6371, 0.3949, 0.5246



2.6359, 0.3989, 0.5215

Inverse Universe

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



51.4796, 0.2902, 0.2860



65.8255, 0.2856, 0.2773



53.9239, 0.3040, 0.2877



13.3350, 0.3002, 0.3049



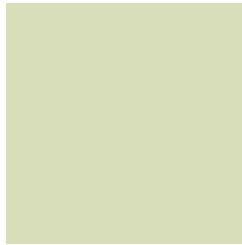
3.3351, 0.1557, 0.0631



0.2610, 0.1674, 0.0696

Previews

White Background



This preview shows how the Yxy color 70.5394, 0.3332, 0.3696 looks on a white background.

Color Contrast Check

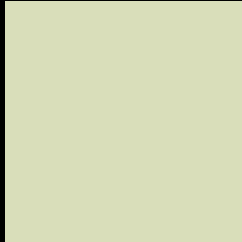
Large Text (above 18pt) WCAG AA × Fail

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 70.5394, 0.3332, 0.3696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

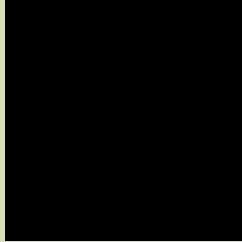
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

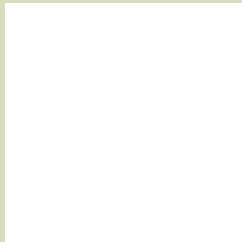
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.5394, 0.3332, 0.3696

Background



This preview shows how black text looks on a background with the Yxy color 70.5394, 0.3332, 0.3696.

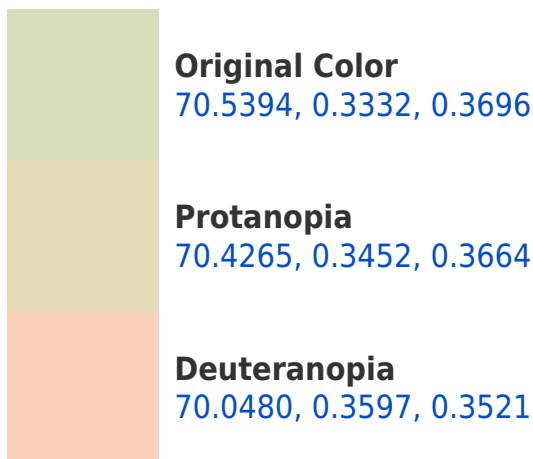


This preview shows how white text looks on a background with the Yxy color 70.5394, 0.3332, 0.3696.

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

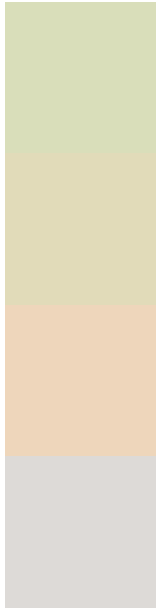




Tritanopia

70.2744, 0.3078, 0.3108

Trichromacy



Original Color

70.5394, 0.3332, 0.3696

Protanomaly

70.1734, 0.3405, 0.3668

Deuteranomaly

69.8581, 0.3501, 0.3582

Tritanomaly

70.4213, 0.3169, 0.3323

Monochromacy



Original Color

70.5394, 0.3332, 0.3696

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.1495, 0.3200, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.5394, 0.3332, 0.3696 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(217, 222, 186)` looks like.

```
.text, #text, p{  
    color:rgb(217, 222, 186)  
}
```

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(217, 222, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 222, 186) }
```

Border

The CSS property to change the border of an element to Yxy 70.5394, 0.3332, 0.3696 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(217, 222, 186) }
```

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

```
.border{ border-color:rgb(217, 222, 186) }
```

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

Here you see how a box with a 4 pixel rgb(217, 222, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 222, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 222, 186);  
box-shadow:4px 4px 4px 4px rgb(217, 222,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 70.5394, 0.3332, 0.3696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 222, 186) }
```

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

```
.background{ background-color: rgb(217,  
222, 186) }
```

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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