

Converting Colors

$Yxy(70.3647, 0.3338, 0.3871)$

Have a look what the booklet for
Yxy(70.3647, 0.3338, 0.3871)
contains.

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Color

Yxy(70.3555, 0.3334, 0.3866)

Conversions

Conversions Part 1

Format	Color
Hex	D0E1AF
RGB	208, 225, 175
RGB Percent	82%, 88%, 69%
CMY	0.1844, 0.1176, 0.3136
CMYK	0.08, 0.00, 0.22, 0.12
HSL	80°, 45%, 78%
HSV	80°, 22%, 88%
XYZ	60.6739, 70.3555, 50.9559
YIQ	214.2170, 5.9180, -19.1540

Conversions

Conversions Part 2

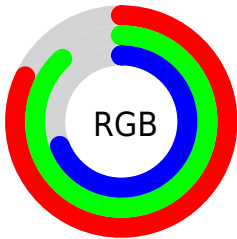
Format	Color
RYB	175, 225, 192
Decimal	13689263
CIELab	87.17, -14.18, 22.60
CIELCh	87, 26.686, 122.110
Yxy	70.3555, 0.3334, 0.3866
Android (android.graphics.Color)	4291879343 (0xFFD0E1AF)
YUV	214.2170, -19.3340, -5.4523
Hunter-Lab	83.8782, -17.6676, 22.6961

Details

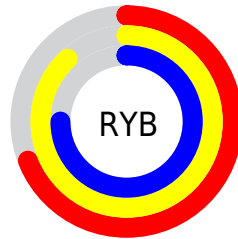
The Yxy color **70.3555, 0.3334, 0.3866** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.3242, 0.2884, 0.2693**, and the grayscale version is **67.5299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **36.9269, 0.3378, 0.4020** is the 20% darker color. If you saturate the color by 10%, you get **68.4622, 0.3423, 0.4145**, and if you desaturate by 10%, it is **72.4560, 0.3241, 0.3597**.

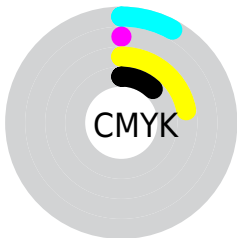
Distribution



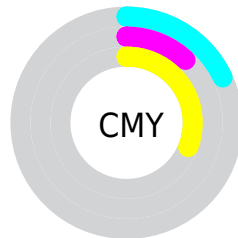
- Red (82%)
- Green (88%)
- Blue (69%)



- Red (69%)
- Yellow (88%)
- Blue (75%)



- Cyan (8%)
- Magenta (0%)
- Yellow (22%)
- Black (12%)





- Cyan (18%)
- Magenta (12%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.3555, 0.3334, 0.3866 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 70.3555, 0.3334, 0.3866 by changing the saturation by 10% instead.

 70.3555, 0.3334,
0.3866

 70.3555, 0.3334,
0.3866


461.7972, 0.3242,
0.3591

 51.8164, 0.3354,
0.3931


 119.7156, 0.3303,
0.3769

 36.8588, 0.3378,
0.4011


151.3054, 0.3291,
0.3732

 25.0982, 0.3407,
0.4115


188.0142, 0.3280,
0.3700

 16.1502, 0.3443,
0.4253

230.2264, 0.3270,
0.3672

 9.6305, 0.3487,
0.4444

278.3264, 0.3262,
0.3648

 5.1547, 0.3539,
0.4724

332.6986, 0.3255,

 2.3383, 0.3649,

0.3627

0.5252

393.7274, 0.3248,
0.3608

0.7939, 0.3396,
0.6604

0.0000, 0.0000,
0.0000

70.3555, 0.3334,
0.3866

70.3555, 0.3334,
0.3866

68.4622, 0.3423,
0.4145

72.4560, 0.3241,
0.3597

66.7588, 0.3504,
0.4425

74.7621, 0.3148,
0.3344

65.2397, 0.3572,
0.4697

77.2837, 0.3056,
0.3109

63.8955, 0.3622,
0.4948

79.3643, 0.3030,
0.2989

■ 62.7155, 0.3649,
0.5165

■ 80.7246, 0.3082,
0.2994

■ 61.6879, 0.3652,
0.5337

■ 82.1421, 0.3134,
0.2999

■ 60.7981, 0.3629,
0.5459

■ 82.3350, 0.3141,
0.2999

■ 60.1829, 0.3599,
0.5525

Harmonies

Analogous

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



70.3555, 0.3613, 0.3827



70.3555, 0.3334, 0.3866



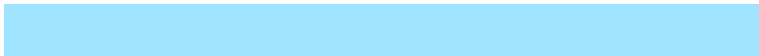
70.3555, 0.3009, 0.3728

Triad

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



70.3555, 0.3334, 0.3866



70.3555, 0.2526, 0.2895



70.3555, 0.3534, 0.3122

Complementary

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



70.3555, 0.3334, 0.3866



47.3242, 0.2884, 0.2693

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.



70.3555, 0.3222, 0.2903



70.3555, 0.3334, 0.3866



70.3555, 0.2649, 0.2768

Square

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



70.3555, 0.3334, 0.3866



70.3555, 0.2553, 0.3141



70.3555, 0.2898, 0.2775



70.3555, 0.3737, 0.3388

Rectangle

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



70.3555, 0.3334, 0.3866



70.3555, 0.2811, 0.3554



70.3555, 0.2898, 0.2775



70.3555, 0.3438, 0.3042

Sweetspot

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



70.3586, 0.3334, 0.3866



97.7679, 0.3193, 0.3464



56.6695, 0.3538, 0.3483



20.8866, 0.3198, 0.3480



0.0000, 0.0000, 0.0000



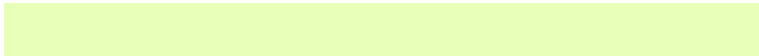
21.4041, 0.3127, 0.3290

Same Dimension

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



70.3586, 0.3334, 0.3866



92.1507, 0.3379, 0.4004



67.0633, 0.3156, 0.3899



15.7836, 0.3215, 0.3525



34.7441, 0.3608, 0.5517



2.4570, 0.3699, 0.5445

Inverse Universe

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



47.3242, 0.2884, 0.2693



56.0453, 0.2819, 0.2544



50.8124, 0.3084, 0.2728



13.4691, 0.3033, 0.3051



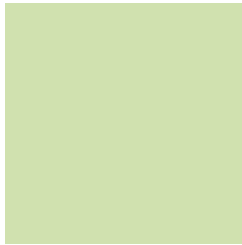
4.0917, 0.1759, 0.0742



0.3318, 0.1930, 0.0837

Previews

White Background



This preview shows how the Yxy color 70.3555, 0.3334, 0.3866 looks on a white background.

Color Contrast Check

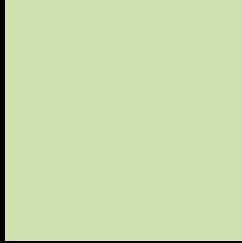
Large Text (above 18pt) WCAG AA × Fail

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 70.3555, 0.3334, 0.3866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

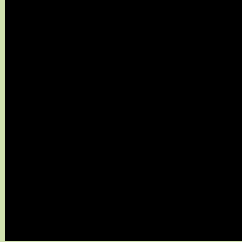
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

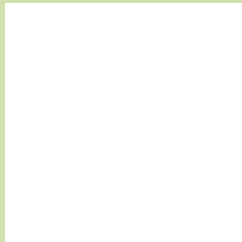
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.3555, 0.3334, 0.3866

Background



This preview shows how black text looks on a background with the Yxy color 70.3555, 0.3334, 0.3866.

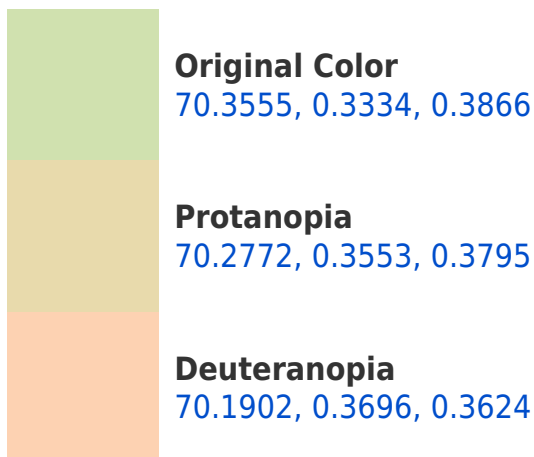


This preview shows how white text looks on a background with the Yxy color 70.3555, 0.3334, 0.3866.

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

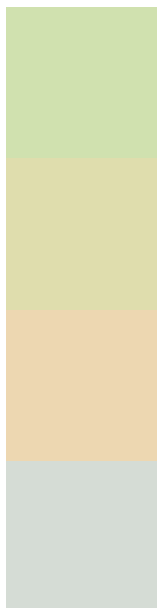




Tritanopia

70.1652, 0.3009, 0.3105

Trichromacy



Original Color

70.3555, 0.3334, 0.3866

Protanomaly

70.4180, 0.3469, 0.3827

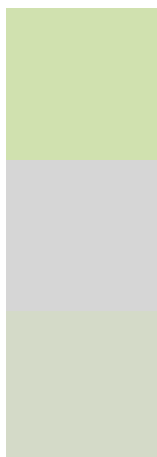
Deuteranomaly

69.7797, 0.3564, 0.3703

Tritanomaly

70.1366, 0.3123, 0.3368

Monochromacy



Original Color

70.3555, 0.3334, 0.3866

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

68.3100, 0.3205, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.3555, 0.3334, 0.3866 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(208, 225, 175)` looks like.

```
.text, #text, p{  
    color:rgb(208, 225, 175)  
}
```

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(208, 225, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 225, 175) }
```

Border

The CSS property to change the border of an element to Yxy 70.3555, 0.3334, 0.3866 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(208, 225, 175) }
```

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

```
.border{ border-color:rgb(208, 225, 175) }
```

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

Here you see how a box with a 4 pixel rgb(208, 225, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 225, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 225, 175);  
box-shadow:4px 4px 4px 4px rgb(208, 225,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 70.3555, 0.3334, 0.3866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 225, 175) }
```

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

```
.background{ background-color: rgb(208,  
225, 175) }
```

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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