

Converting Colors

$Yxy(70.0977, 0.3302, 0.3688)$

Have a look what the booklet for
Yxy(70.0977, 0.3302, 0.3688)
contains.

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Color

Yxy(70.1265, 0.3303, 0.3687)

Conversions

Conversions Part 1

Format	Color
Hex	D6DEBB
RGB	214, 222, 187
RGB Percent	84%, 87%, 73%
CMY	0.1608, 0.1294, 0.2666
CMYK	0.04, 0.00, 0.16, 0.13
HSL	74°, 35%, 80%
HSV	74°, 16%, 87%
XYZ	62.8228, 70.1265, 57.2500
YIQ	215.6180, 6.4670, -12.5810

Conversions

Conversions Part 2

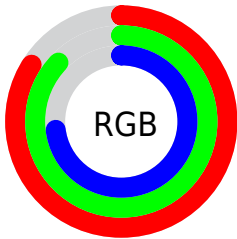
Format	Color
RYB	187, 222, 195
Decimal	14081723
CIELab	87.06, -8.68, 16.26
CIELCh	87, 18.434, 118.083
Yxy	70.1265, 0.3303, 0.3687
Android (android.graphics.Color)	4292271803 (0xFFD6DEBB)
YUV	215.6180, -14.1087, -1.4190
Hunter-Lab	83.7416, -12.6372, 18.0854

Details

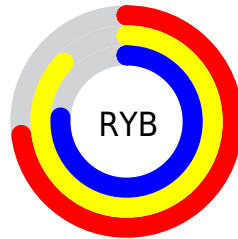
The Yxy color **70.1265, 0.3303, 0.3687** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.4310, 0.2933, 0.2876**, and the grayscale version is **68.4924, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **36.7296, 0.3339, 0.3783** is the 20% darker color. If you saturate the color by 10%, you get **68.4978, 0.3415, 0.3953**, and if you desaturate by 10%, it is **71.9322, 0.3191, 0.3431**.

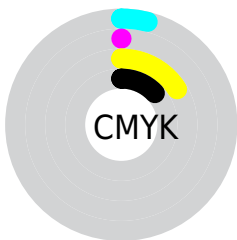
Distribution



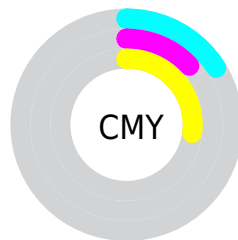
- Red (84%)
- Green (87%)
- Blue (73%)



- Red (73%)
- Yellow (87%)
- Blue (76%)



- Cyan (4%)
- Magenta (0%)
- Yellow (16%)
- Black (13%)




- Cyan (16%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.1265, 0.3303, 0.3687 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 70.1265, 0.3303, 0.3687 by changing the saturation by 10% instead.


 70.1265, 0.3303,
0.3687

 70.1265, 0.3303,
0.3687


460.9940, 0.3223,
0.3499

 51.6297, 0.3321,
0.3731

 119.3891, 0.3275,
0.3621

 36.7100, 0.3343,
0.3786

150.9237, 0.3265,
0.3595

 24.9830, 0.3370,
0.3856


187.5730, 0.3255,
0.3574

 16.0644, 0.3406,
0.3950

229.7214, 0.3247,
0.3555

 9.5697, 0.3452,
0.4079

277.7534, 0.3240,
0.3538

 5.1146, 0.3516,
0.4270

332.0532, 0.3234,

 2.3147, 0.3604,

0.3524

0.4578

393.0053, 0.3228,
0.3511

0.7815, 0.4045,
0.5955

0.0000, 0.0000,
0.0000

70.1265, 0.3303,
0.3687

70.1265, 0.3303,
0.3687

68.4978, 0.3415,
0.3953

71.9322, 0.3191,
0.3431

67.0301, 0.3521,
0.4222

73.9121, 0.3081,
0.3190

65.7187, 0.3618,
0.4485

76.0757, 0.2976,
0.2966

64.5557, 0.3701,
0.4731

77.0138, 0.3002,
0.2956

■ 63.5321, 0.3762,
0.4948

■ 77.8883, 0.3036,
0.2959

■ 62.6377, 0.3800,
0.5127

■ 78.7877, 0.3070,
0.2962

■ 61.8609, 0.3812,
0.5260

■ 79.7122, 0.3105,
0.2966

■ 61.1873, 0.3799,
0.5346

■ 80.6620, 0.3140,
0.2970

■ 60.9221, 0.3789,
0.5374

■ 80.7254, 0.3142,
0.2970

Harmonies

Analogous

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



70.1265, 0.3485, 0.3652



70.1265, 0.3303, 0.3687



70.1265, 0.3078, 0.3606

Triad

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



70.1265, 0.3303, 0.3687



70.1265, 0.2701, 0.3038



70.1265, 0.3383, 0.3151

Complementary

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



70.1265, 0.3303, 0.3687



52.4310, 0.2933, 0.2876

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.



70.1265, 0.3164, 0.3001



70.1265, 0.3303, 0.3687



70.1265, 0.2775, 0.2932

Square

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



70.1265, 0.3303, 0.3687



70.1265, 0.2736, 0.3219



70.1265, 0.2942, 0.2921



70.1265, 0.3534, 0.3338

Rectangle

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



70.1265, 0.3303, 0.3687



70.1265, 0.2935, 0.3497



70.1265, 0.2942, 0.2921



70.1265, 0.3314, 0.3095

Sweetspot

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



70.1296, 0.3303, 0.3687



98.6563, 0.3183, 0.3413



57.9714, 0.3410, 0.3378



21.0771, 0.3191, 0.3431



0.0000, 0.0000, 0.0000



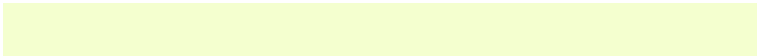
21.4041, 0.3127, 0.3290

Same Dimension

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



70.1296, 0.3303, 0.3687



95.2191, 0.3341, 0.3776



67.6957, 0.3178, 0.3703



15.8631, 0.3232, 0.3524



36.2367, 0.3795, 0.5369



2.5508, 0.3859, 0.5318

Inverse Universe

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



52.4310, 0.2933, 0.2876



66.4786, 0.2885, 0.2778



54.8354, 0.3066, 0.2892



13.3939, 0.3016, 0.3050



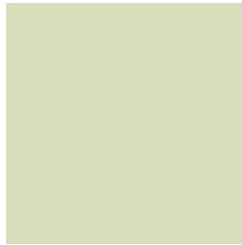
3.5896, 0.1627, 0.0670



0.2889, 0.1778, 0.0753

Previews

White Background



This preview shows how the Yxy color 70.1265, 0.3303, 0.3687 looks on a white background.

Color Contrast Check

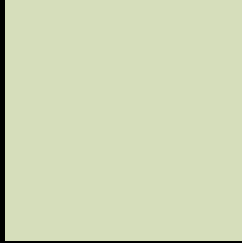
Large Text (above 18pt) WCAG AA × Fail

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 70.1265, 0.3303, 0.3687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

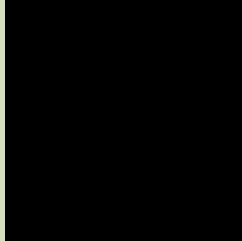
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

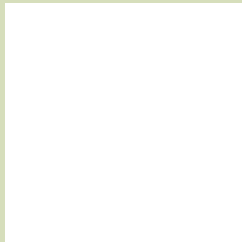
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.1265, 0.3303, 0.3687

Background



This preview shows how black text looks on a background with the Yxy color 70.1265, 0.3303, 0.3687.

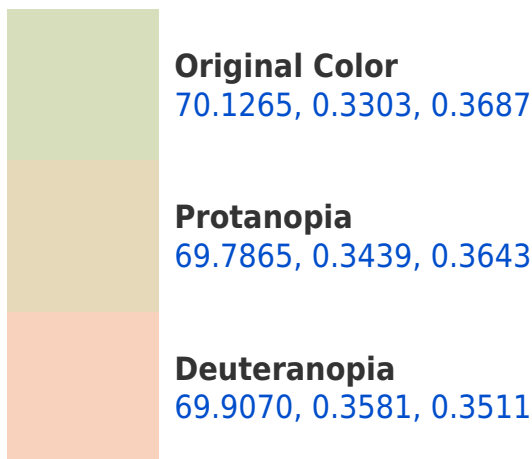


This preview shows how white text looks on a background with the Yxy color 70.1265, 0.3303, 0.3687.

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

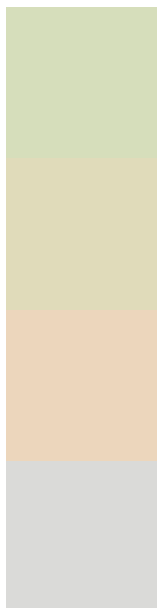




Tritanopia

70.3671, 0.3050, 0.3107

Trichromacy



Original Color

70.1265, 0.3303, 0.3687

Protanomaly

70.0555, 0.3390, 0.3657

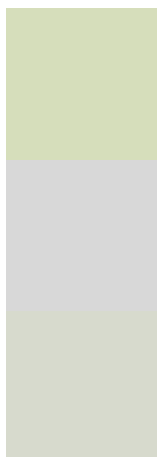
Deuteranomaly

69.5568, 0.3478, 0.3572

Tritanomaly

70.0061, 0.3141, 0.3312

Monochromacy



Original Color

70.1265, 0.3303, 0.3687

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.9977, 0.3193, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1265, 0.3303, 0.3687 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(214, 222, 187) looks like.

```
.text, #text, p{  
    color:rgb(214, 222, 187)  
}
```

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(214, 222, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 222, 187) }
```

Border

The CSS property to change the border of an element to Yxy 70.1265, 0.3303, 0.3687 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(214, 222, 187) }
```

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

```
.border{ border-color:rgb(214, 222, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 222, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 222, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 222, 187);  
box-shadow:4px 4px 4px 4px rgb(214, 222,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1265, 0.3303, 0.3687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 222, 187) }
```

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

```
.background{ background-color: rgb(214,  
222, 187) }
```

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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