

Converting Colors

$Yxy(69.3769, 0.3279, 0.3698)$

Have a look what the booklet for
Yxy(69.3769, 0.3279, 0.3698)
contains.

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Color

Yxy(69.4894, 0.3280, 0.3703)

Conversions

Conversions Part 1

Format	Color
Hex	D2DEBA
RGB	210, 222, 186
RGB Percent	82%, 87%, 73%
CMY	0.1767, 0.1293, 0.2706
CMYK	0.05, 0.00, 0.16, 0.13
HSL	80°, 35%, 80%
HSV	80°, 16%, 87%
XYZ	61.5515, 69.4894, 56.6161
YIQ	214.3080, 4.4040, -13.7400

Conversions

Conversions Part 2

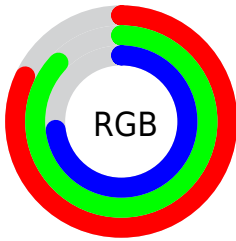
Format	Color
RYB	186, 222, 198
Decimal	13819578
CIELab	86.75, -10.29, 16.32
CIELCh	87, 19.293, 122.220
Yxy	69.4894, 0.3280, 0.3703
Android (android.graphics.Color)	4292009658 (0xFFD2DEBA)
YUV	214.3080, -13.9558, -3.7781
Hunter-Lab	83.3603, -14.0799, 18.0840

Details

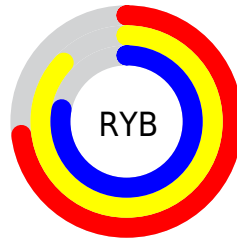
The Yxy color **69.4894, 0.3280, 0.3703** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.4016, 0.2956, 0.2866**, and the grayscale version is **67.5536, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **36.2995, 0.3309, 0.3805** is the 20% darker color. If you saturate the color by 10%, you get **67.5546, 0.3373, 0.3976**, and if you desaturate by 10%, it is **71.6277, 0.3185, 0.3443**.

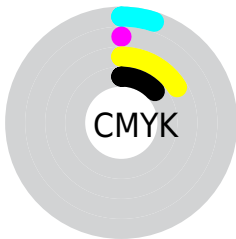
Distribution



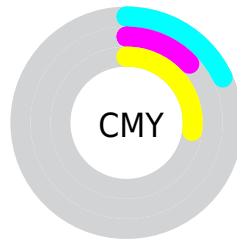
- Red (82%)
- Green (87%)
- Blue (73%)



- Red (73%)
- Yellow (87%)
- Blue (78%)



- Cyan (5%)
- Magenta (0%)
- Yellow (16%)
- Black (13%)





- Cyan (18%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.4894, 0.3280, 0.3703 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 69.4894, 0.3280, 0.3703 by changing the saturation by 10% instead.

 69.4894, 0.3280,
0.3703

 69.4894, 0.3280,
0.3703

458.7552, 0.3211,
0.3507

 51.1104, 0.3295,
0.3749


 118.4803, 0.3256,
0.3634

 36.2965, 0.3314,
0.3807


149.8610, 0.3247,
0.3607

 24.6632, 0.3338,
0.3881


186.3444, 0.3239,
0.3584

 15.8263, 0.3367,
0.3980

228.3148, 0.3232,
0.3565

 9.4014, 0.3406,
0.4117

276.1567, 0.3226,
0.3547

 5.0039, 0.3458,
0.4322

330.2545, 0.3220,

 2.2495, 0.3527,

0.3532

0.4657

390.9925, 0.3215,
0.3519

0.7468, 0.3805,
0.6195

0.0000, 0.0000,
0.0000

69.4894, 0.3280,
0.3703

69.4894, 0.3280,
0.3703

67.5546, 0.3373,
0.3976

71.6277, 0.3185,
0.3443

65.8067, 0.3460,
0.4256

73.9674, 0.3092,
0.3201

64.2408, 0.3538,
0.4533

76.5181, 0.3003,
0.2978

62.8483, 0.3600,
0.4797

77.9446, 0.3038,
0.2959

■ 61.6196, 0.3642,
0.5034

■ 79.2705, 0.3088,
0.2964

■ 60.5441, 0.3661,
0.5233

■ 80.6503, 0.3139,
0.2970

■ 59.6094, 0.3654,
0.5385

■ 80.7329, 0.3142,
0.2970

■ 58.8002, 0.3624,
0.5486

■ 58.5179, 0.3609,
0.5517

Harmonies

Analogous

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



69.4894, 0.3481, 0.3681



69.4894, 0.3280, 0.3703



69.4894, 0.3043, 0.3602

Triad

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



69.4894, 0.3280, 0.3703



69.4894, 0.2685, 0.3004



69.4894, 0.3423, 0.3169

Complementary

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



69.4894, 0.3280, 0.3703



52.4016, 0.2956, 0.2866

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.



69.4894, 0.3199, 0.3005



69.4894, 0.3280, 0.3703



69.4894, 0.2777, 0.2907

Square

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



69.4894, 0.3280, 0.3703



69.4894, 0.2705, 0.3186



69.4894, 0.2963, 0.2910



69.4894, 0.3568, 0.3368

Rectangle

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



69.4894, 0.3280, 0.3703



69.4894, 0.2897, 0.3479



69.4894, 0.2963, 0.2910



69.4894, 0.3354, 0.3109

Sweetspot

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



69.4924, 0.3280, 0.3703



98.4050, 0.3174, 0.3413



59.4653, 0.3412, 0.3428



21.0160, 0.3181, 0.3431



0.0000, 0.0000, 0.0000



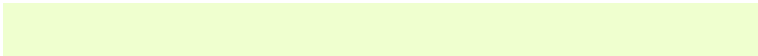
21.4041, 0.3127, 0.3290

Same Dimension

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



69.4924, 0.3280, 0.3703



94.3146, 0.3307, 0.3782



67.0033, 0.3149, 0.3720



15.7877, 0.3216, 0.3525



34.8149, 0.3617, 0.5510



2.4616, 0.3707, 0.5438

Inverse Universe

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



52.4016, 0.2956, 0.2866



67.2802, 0.2921, 0.2783



54.9894, 0.3098, 0.2884



13.4652, 0.3033, 0.3051



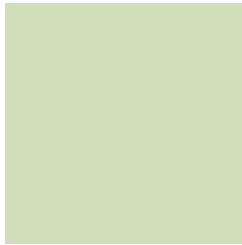
4.0601, 0.1751, 0.0738



0.3293, 0.1921, 0.0832

Previews

White Background



This preview shows how the Yxy color 69.4894, 0.3280, 0.3703 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 69.4894, 0.3280, 0.3703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

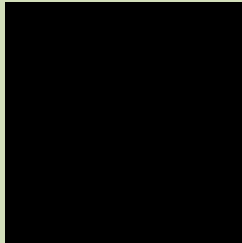
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

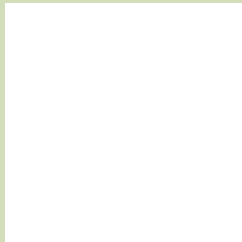
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.4894, 0.3280, 0.3703

Background



This preview shows how black text looks on a background with the Yxy color 69.4894, 0.3280, 0.3703.



This preview shows how white text looks on a background with the Yxy color 69.4894, 0.3280, 0.3703.

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

69.4894, 0.3280, 0.3703

Protanopia

69.0246, 0.3448, 0.3656

Deuteranopia

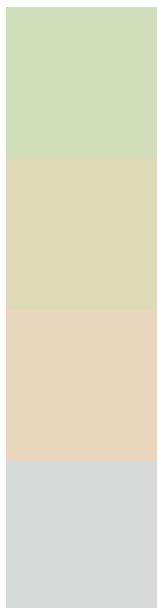
69.2315, 0.3576, 0.3502



Tritanopia

69.2358, 0.3022, 0.3094

Trichromacy



Original Color

69.4894, 0.3280, 0.3703

Protanomaly

68.9757, 0.3383, 0.3672

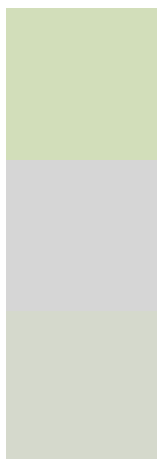
Deuteranomaly

69.2164, 0.3462, 0.3574

Tritanomaly

69.3968, 0.3112, 0.3312

Monochromacy



Original Color

69.4894, 0.3280, 0.3703

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

68.1315, 0.3186, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4894, 0.3280, 0.3703 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(210, 222, 186)` looks like.

```
.text, #text, p{  
    color:rgb(210, 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(210, 222, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 222, 186) }
```

Border

The CSS property to change the border of an element to Yxy 69.4894, 0.3280, 0.3703 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(210, 222, 186) }
```

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

```
.border{ border-color:rgb(210, 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(210, 222, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 222, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 222, 186);  
box-shadow:4px 4px 4px 4px rgb(210, 222,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4894, 0.3280, 0.3703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 222, 186) }
```

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

```
.background{ background-color: rgb(210,  
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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