

Converting Colors

Yxy(69.8477, 0.3194, 0.3759)

Have a look what the booklet for
Yxy(69.8477, 0.3194, 0.3759)
contains.

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Color

Yxy(69.9436, 0.3189, 0.3758)

Conversions

Conversions Part 1

Format	Color
Hex	C6E2BA
RGB	198, 226, 186
RGB Percent	78%, 89%, 73%
CMY	0.2234, 0.1137, 0.2706
CMYK	0.12, 0.00, 0.18, 0.11
HSL	102°, 41%, 81%
HSV	102°, 18%, 89%
XYZ	59.3534, 69.9436, 56.8222
YIQ	213.0680, -3.8480, -18.3760

Conversions

Conversions Part 2

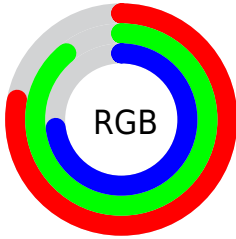
Format	Color
RYB	186, 226, 214
Decimal	13034170
CIELab	86.97, -16.46, 16.51
CIElCh	87, 23.316, 134.911
Yxy	69.9436, 0.3189, 0.3758
Android (android.graphics.Color)	4291224250 (0xFFC6E2BA)
YUV	213.0680, -13.3445, -13.2146
Hunter-Lab	83.6323, -19.6760, 18.2593

Details

The Yxy color **69.9436, 0.3189, 0.3758** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **54.8962, 0.3052, 0.2839**, and the grayscale version is **66.6850, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **36.7486, 0.3198, 0.3879** is the 20% darker color. If you saturate the color by 10%, you get **67.0236, 0.3220, 0.4058**, and if you desaturate by 10%, it is **73.2456, 0.3155, 0.3483**.

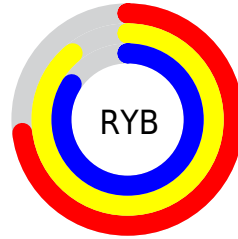
Distribution



Red (78%)

Green (89%)

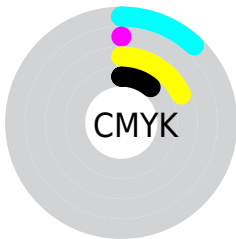
Blue (73%)



Red (73%)

Yellow (89%)

Blue (84%)

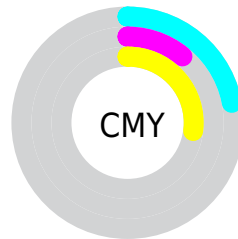


Cyan (12%)

Magenta (0%)

Yellow (18%)

Black (11%)



Cyan (22%)


Magenta (11%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.9436, 0.3189, 0.3758 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 69.9436, 0.3189, 0.3758 by changing the saturation by 10% instead.


 69.9436, 0.3189,
0.3758

 69.9436, 0.3189,
0.3758


460.3519, 0.3163,
0.3534

 51.4806, 0.3194,
0.3811


 119.1283, 0.3181,
0.3679

 36.5912, 0.3200,
0.3878


150.6188, 0.3177,
0.3648

 24.8911, 0.3206,
0.3964


187.2205, 0.3174,
0.3622

 15.9960, 0.3214,
0.4079

229.3179, 0.3172,
0.3600

 9.5213, 0.3220,
0.4241

277.2954, 0.3169,
0.3580

 5.0827, 0.3224,
0.4484

331.5372, 0.3167,

 2.2959, 0.3212,


0.3563


0.4890


392.4280, 0.3165,
0.3548


 0.7715, 0.3005,
0.6995


 0.0000, 0.0000,
0.0000


 69.9436, 0.3189,
0.3758


 69.9436, 0.3189,
0.3758


 67.0236, 0.3220,
0.4058


 73.2456, 0.3155,
0.3483


 64.4626, 0.3245,
0.4376

 76.9338, 0.3119,
0.3235

 62.2487, 0.3262,
0.4703

 81.0238, 0.3083,
0.3015

 60.3660, 0.3266,
0.5023

 82.8715, 0.3140,
0.3009

■ 58.7971, 0.3257,
0.5318

■ 57.5230, 0.3232,
0.5567

■ 56.5219, 0.3194,
0.5754

■ 55.7669, 0.3145,
0.5872

■ 55.6208, 0.3134,
0.5893

Harmonies

Analogous

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



69.9436, 0.3460, 0.3792



69.9436, 0.3189, 0.3758



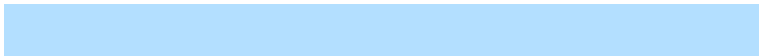
69.9436, 0.2910, 0.3579

Triad

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



69.9436, 0.3189, 0.3758



69.9436, 0.2628, 0.2882



69.9436, 0.3575, 0.3242

Complementary

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



69.9436, 0.3189, 0.3758



54.8962, 0.3052, 0.2839

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.



69.9436, 0.3334, 0.3024



69.9436, 0.3189, 0.3758



69.9436, 0.2789, 0.2819

Square

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



69.9436, 0.3189, 0.3758



69.9436, 0.2595, 0.3059



69.9436, 0.3045, 0.2872



69.9436, 0.3691, 0.3480

Rectangle

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



69.9436, 0.3189, 0.3758



69.9436, 0.2756, 0.3407



69.9436, 0.3045, 0.2872



69.9436, 0.3505, 0.3164

Sweetspot

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



69.9466, 0.3189, 0.3758



97.5544, 0.3145, 0.3414



67.4680, 0.3416, 0.3595



20.8093, 0.3148, 0.3432



0.0000, 0.0000, 0.0000



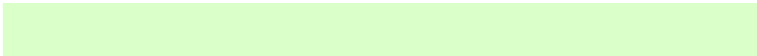
21.4041, 0.3127, 0.3290

Same Dimension

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



69.9466, 0.3189, 0.3758



90.5967, 0.3200, 0.3858



68.6948, 0.3059, 0.3680



15.5362, 0.3161, 0.3529



31.7866, 0.3144, 0.5886



2.2490, 0.3260, 0.5793

Inverse Universe

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



54.8962, 0.3052, 0.2839



67.5342, 0.3034, 0.2747



56.3805, 0.3204, 0.2929



13.7178, 0.3090, 0.3056



7.3437, 0.2463, 0.1130



0.5550, 0.2581, 0.1196

Previews

White Background



This preview shows how the Yxy color 69.9436, 0.3189, 0.3758 looks on a white background.

Color Contrast Check

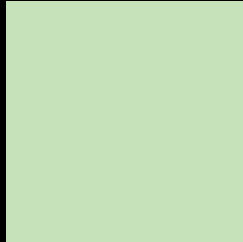
Large Text (above 18pt) WCAG AA × Fail

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 69.9436, 0.3189, 0.3758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

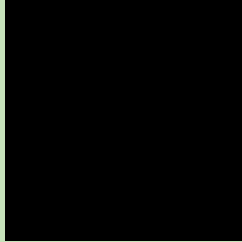
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

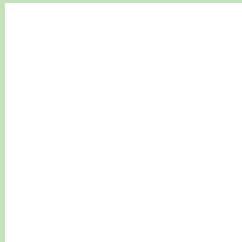
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.9436, 0.3189, 0.3758

Background



This preview shows how black text looks on a background with the Yxy color 69.9436, 0.3189, 0.3758.

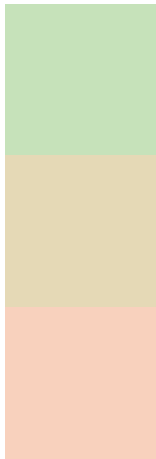


This preview shows how white text looks on a background with the Yxy color 69.9436, 0.3189, 0.3758.

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

69.9436, 0.3189, 0.3758

Protanopia

69.6611, 0.3461, 0.3677

Deuteranopia

69.2315, 0.3576, 0.3502



Tritanopia

69.8410, 0.2928, 0.3102

Trichromacy



Original Color

69.9436, 0.3189, 0.3758

Protanomaly

69.5107, 0.3364, 0.3708

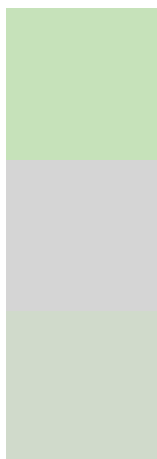
Deuteranomaly

69.0547, 0.3429, 0.3587

Tritanomaly

70.0010, 0.3021, 0.3335

Monochromacy



Original Color

69.9436, 0.3189, 0.3758

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.8645, 0.3155, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9436, 0.3189, 0.3758 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(198, 226, 186)` looks like.

```
.text, #text, p{  
    color:rgb(198, 226, 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(198, 226, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 226, 186) }
```

Border

The CSS property to change the border of an element to Yxy 69.9436, 0.3189, 0.3758 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(198, 226, 186) }
```

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

```
.border{ border-color:rgb(198, 226, 186) }
```

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

Here you see how a box with a 4 pixel rgb(198, 226, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 226, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 226, 186);  
box-shadow:4px 4px 4px 4px rgb(198, 226,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9436, 0.3189, 0.3758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 226, 186) }
```

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

```
.background{ background-color: rgb(198,  
226, 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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