

Converting Colors

Yxy(69.9466, 0.3061, 0.3693)

Have a look what the booklet for
Yxy(69.9466, 0.3061, 0.3693)
contains.

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Color

Yxy(69.9466, 0.3061, 0.3693)

Conversions

Conversions Part 1

Format	Color
Hex	BBE4C2
RGB	187, 228, 194
RGB Percent	73%, 89%, 76%
CMY	0.2666, 0.1059, 0.2392
CMYK	0.18, 0.00, 0.15, 0.11
HSL	130°, 43%, 81%
HSV	130°, 18%, 89%
XYZ	57.9763, 69.9466, 61.4803
YIQ	211.8650, -13.5220, -19.2660

Conversions

Conversions Part 2

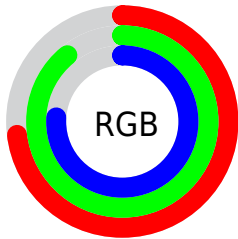
Format	Color
RYB	187, 222, 228
Decimal	12313794
CIELab	86.97, -19.80, 12.23
CIElCh	87, 23.271, 148.296
Yxy	69.9466, 0.3061, 0.3693
Android (android.graphics.Color)	4290503874 (0xFFBBE4C2)
YUV	211.8650, -8.8074, -21.8066
Hunter-Lab	83.6341, -22.6209, 14.9592

Details

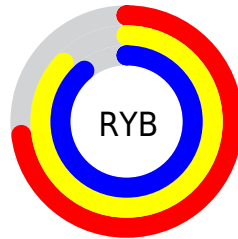
The Yxy color **69.9466, 0.3061, 0.3693** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **57.2629, 0.3201, 0.2918**, and the grayscale version is **65.8132, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7181, 0.3082, 0.3329**, and **36.3850, 0.3042, 0.3796** is the 20% darker color. If you saturate the color by 10%, you get **66.5016, 0.3025, 0.3956**, and if you desaturate by 10%, it is **73.9622, 0.3098, 0.3458**.

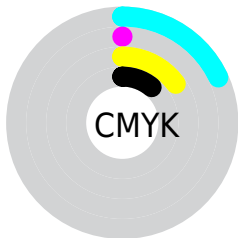
Distribution



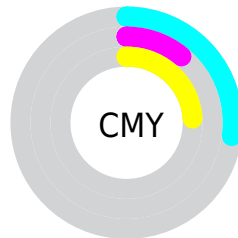
- Red (73%)
- Green (89%)
- Blue (76%)



- Red (73%)
- Yellow (87%)
- Blue (89%)



- Cyan (18%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)





- Cyan (27%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.9466, 0.3061, 0.3693 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 69.9466, 0.3061, 0.3693 by changing the saturation by 10% instead.


 69.9466, 0.3061,
0.3693

 69.9466, 0.3061,
0.3693


460.3625, 0.3095,
0.3500

 51.4830, 0.3053,
0.3739


 119.1326, 0.3073,
0.3625

 36.5931, 0.3042,
0.3797


150.6238, 0.3078,
0.3598

 24.8926, 0.3027,
0.3871


187.2263, 0.3082,
0.3576

 15.9971, 0.3007,
0.3971

229.3245, 0.3085,
0.3557

 9.5221, 0.2978,
0.4113

277.3029, 0.3088,
0.3540

 5.0833, 0.2930,
0.4327


331.5457, 0.3090,

 2.2962, 0.2842,


0.3525


0.4689


392.4375, 0.3093,
0.3512


 0.7717, 0.2448,
0.7552


 0.0000, 0.0000,
0.0000


 69.9466, 0.3061,
0.3693


 69.9466, 0.3061,
0.3693


 66.5016, 0.3025,
0.3956


 73.9622, 0.3098,
0.3458


 63.5929, 0.2991,
0.4244

 78.5636, 0.3134,
0.3250

 61.1959, 0.2961,
0.4550

 83.6972, 0.3167,
0.3069

 59.2806, 0.2940,
0.4863

 83.9681, 0.3139,
0.3029

■ 57.8138, 0.2928,
0.5166

■ 56.7581, 0.2927,
0.5441

■ 56.0699, 0.2938,
0.5668

■ 55.6898, 0.2958,
0.5835

■ 55.6334, 0.2962,
0.5862

Harmonies

Analogous

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



69.9466, 0.3345, 0.3795



69.9466, 0.3061, 0.3693



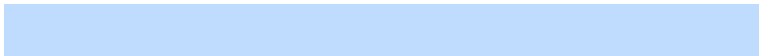
69.9466, 0.2803, 0.3466

Triad

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



69.9466, 0.3061, 0.3693



69.9466, 0.2687, 0.2840



69.9466, 0.3644, 0.3348

Complementary

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



69.9466, 0.3061, 0.3693



57.2629, 0.3201, 0.2918

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.



69.9466, 0.3452, 0.3116



69.9466, 0.3061, 0.3693



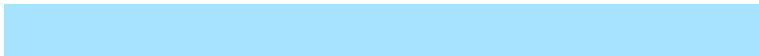
69.9466, 0.2895, 0.2830

Square

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



69.9466, 0.3061, 0.3693



69.9466, 0.2594, 0.2968



69.9466, 0.3174, 0.2930



69.9466, 0.3690, 0.3578

Rectangle

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



69.9466, 0.3061, 0.3693



69.9466, 0.2679, 0.3285



69.9466, 0.3174, 0.2930



69.9466, 0.3594, 0.3269

Sweetspot

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



69.9496, 0.3061, 0.3693



96.9988, 0.3109, 0.3394



74.4756, 0.3347, 0.3743



20.6748, 0.3106, 0.3409



0.0000, 0.0000, 0.0000



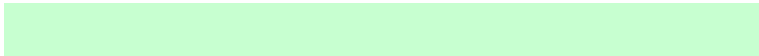
21.4041, 0.3127, 0.3290

Same Dimension

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



69.9496, 0.3061, 0.3693



88.2249, 0.3046, 0.3799



70.9272, 0.2937, 0.3448



16.1290, 0.3093, 0.3491



32.1359, 0.2956, 0.5843



2.3867, 0.2888, 0.5598

Inverse Universe

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



57.2629, 0.3201, 0.2918



68.6807, 0.3221, 0.2829



56.2432, 0.3362, 0.3138



14.5709, 0.3164, 0.3097



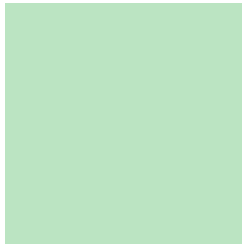
11.6656, 0.3692, 0.1807



0.8732, 0.3609, 0.1762

Previews

White Background



This preview shows how the Yxy color 69.9466, 0.3061, 0.3693 looks on a white background.

Color Contrast Check

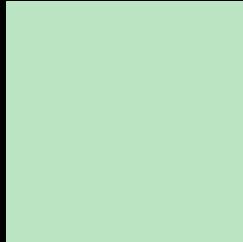
Large Text (above 18pt) WCAG AA × Fail

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 69.9466, 0.3061, 0.3693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

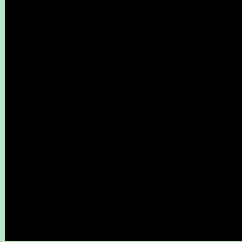
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

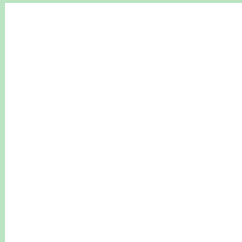
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.9466, 0.3061, 0.3693

Background



This preview shows how black text looks on a background with the Yxy color 69.9466, 0.3061, 0.3693.

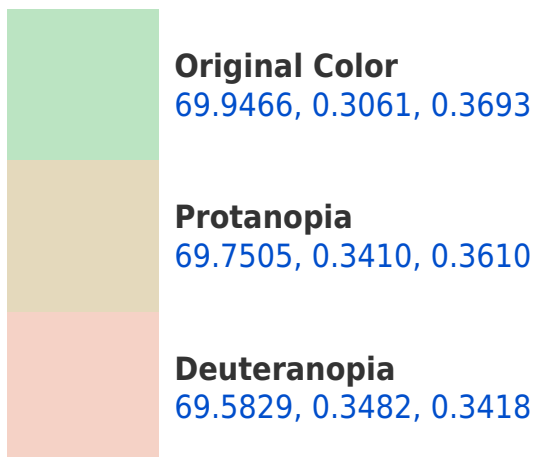


This preview shows how white text looks on a background with the Yxy color 69.9466, 0.3061, 0.3693.

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

70.0766, 0.2840, 0.3100

Trichromacy



Original Color

69.9466, 0.3061, 0.3693

Protanomaly

69.5767, 0.3277, 0.3642

Deuteranomaly

69.5042, 0.3316, 0.3512

Tritanomaly

69.8455, 0.2917, 0.3301

Monochromacy



Original Color

69.9466, 0.3061, 0.3693

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

67.2471, 0.3106, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9466, 0.3061, 0.3693 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(187, 228, 194)` looks like.

```
.text, #text, p{  
    color:rgb(187, 228, 194)  
}
```

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(187, 228, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 228, 194) }
```

Border

The CSS property to change the border of an element to Yxy 69.9466, 0.3061, 0.3693 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(187, 228, 194) }
```

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

```
.border{ border-color:rgb(187, 228, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 228, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 228, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 228, 194); box-shadow:4px 4px 4px 4px rgb(187, 228, 194) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9466, 0.3061, 0.3693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 228, 194) }
```

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

```
.background{ background-color: rgb(187,  
228, 194) }
```

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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