

Converting Colors

Yxy(67.7404, 0.3008, 0.3612)

Have a look what the booklet for
Yxy(67.7404, 0.3008, 0.3612)
contains.

Yxy(67.9949, 0.3010, 0.3613)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.9949, 0.3010, 0.3613)

Conversions

Conversions Part 1

Format	Color
Hex	B7E1C6
RGB	183, 225, 198
RGB Percent	72%, 88%, 78%
CMY	0.2823, 0.1176, 0.2236
CMYK	0.19, 0.00, 0.12, 0.12
HSL	141°, 41%, 80%
HSV	141°, 19%, 88%
XYZ	56.6467, 67.9949, 63.5535
YIQ	209.3640, -16.3650, -17.3010

Conversions

Conversions Part 2

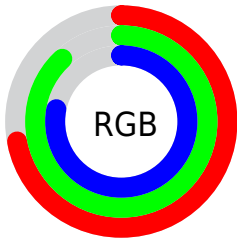
Format	Color
RYB	183, 214, 225
Decimal	12050886
CIELab	86.00, -18.90, 8.73
CIElCh	86, 20.815, 155.217
Yxy	67.9949, 0.3010, 0.3613
Android (android.graphics.Color)	4290240966 (0xFFB7E1C6)
YUV	209.3640, -5.6025, -23.1212
Hunter-Lab	82.4590, -21.6794, 12.0248

Details

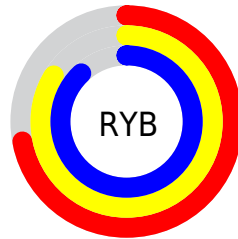
The Yxy color **67.9949, 0.3010, 0.3613** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **54.5348, 0.3266, 0.2988**, and the grayscale version is **64.0579, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **35.4302, 0.2977, 0.3705** is the 20% darker color. If you saturate the color by 10%, you get **64.8190, 0.2950, 0.3815**, and if you desaturate by 10%, it is **71.6815, 0.3072, 0.3431**.

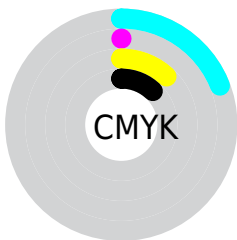
Distribution



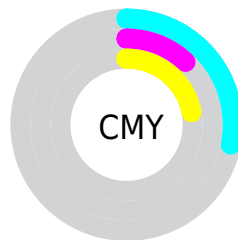
- Red (72%)
- Green (88%)
- Blue (78%)



- Red (72%)
- Yellow (84%)
- Blue (88%)



- Cyan (19%)
- Magenta (0%)
- Yellow (12%)
- Black (12%)





- Cyan (28%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.9949, 0.3010, 0.3613 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 67.9949, 0.3010, 0.3613 by changing the saturation by 10% instead.


 67.9949, 0.3010,
0.3613

 67.9949, 0.3010,
0.3613


453.4779, 0.3067,
0.3458

 49.8936, 0.2996,
0.3650


 116.3448, 0.3030,
0.3558

 35.3289, 0.2979,
0.3696


147.3623, 0.3038,
0.3537

 23.9163, 0.2957,
0.3756

183.4539, 0.3044,
0.3519

 15.2715, 0.2927,
0.3837

225.0040, 0.3050,
0.3504

 9.0102, 0.2884,
0.3952

272.3971, 0.3055,
0.3490

 4.7478, 0.2817,
0.4126

326.0175, 0.3059,

 2.1001, 0.2702,

0.3478

0.4424

386.2497, 0.3063,
0.3467

0.6647, 0.1796,
0.7005

0.0000, 0.0000,
0.0000

67.9949, 0.3010,
0.3613

67.9949, 0.3010,
0.3613

64.8190, 0.2950,
0.3815

71.6815, 0.3072,
0.3431

62.1224, 0.2897,
0.4037

75.8914, 0.3136,
0.3270

59.8835, 0.2851,
0.4275

80.6474, 0.3198,
0.3127

58.0758, 0.2818,
0.4523

82.3326, 0.3141,
0.2999

■ 56.6696, 0.2800,
0.4775

■ 55.6314, 0.2799,
0.5020

■ 54.9221, 0.2817,
0.5247

■ 54.4836, 0.2849,
0.5448

■ 54.4351, 0.2854,
0.5473

Harmonies

Analogous

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



67.9949, 0.3267, 0.3735



67.9949, 0.3010, 0.3613



67.9949, 0.2791, 0.3394

Triad

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



67.9949, 0.3010, 0.3613



67.9949, 0.2764, 0.2870



67.9949, 0.3616, 0.3395

Complementary

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



67.9949, 0.3010, 0.3613



54.5348, 0.3266, 0.2988

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.



67.9949, 0.3470, 0.3179



67.9949, 0.3010, 0.3613



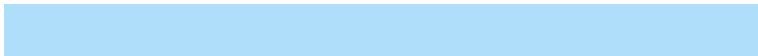
67.9949, 0.2972, 0.2885

Square

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



67.9949, 0.3010, 0.3613



67.9949, 0.2653, 0.2964



67.9949, 0.3231, 0.2996



67.9949, 0.3623, 0.3594

Rectangle

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



67.9949, 0.3010, 0.3613



67.9949, 0.2693, 0.3231



67.9949, 0.3231, 0.2996



67.9949, 0.3581, 0.3322

Sweetspot

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



67.9978, 0.3010, 0.3613



96.5948, 0.3089, 0.3387



71.0187, 0.3298, 0.3770



20.5993, 0.3085, 0.3398



0.0000, 0.0000, 0.0000



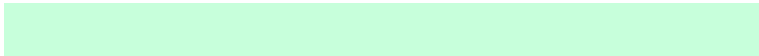
21.4041, 0.3127, 0.3290

Same Dimension

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



67.9978, 0.3010, 0.3613



88.7577, 0.2989, 0.3681



69.0203, 0.2885, 0.3363



15.4176, 0.3067, 0.3445



31.3869, 0.2846, 0.5444



2.1922, 0.2758, 0.5130

Inverse Universe

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



54.5348, 0.3266, 0.2988



68.0589, 0.3298, 0.2929



53.5676, 0.3438, 0.3219



13.8483, 0.3192, 0.3140



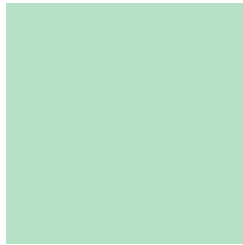
10.4215, 0.4360, 0.2175



0.7392, 0.4137, 0.2052

Previews

White Background



This preview shows how the Yxy color 67.9949, 0.3010, 0.3613 looks on a white background.

Color Contrast Check

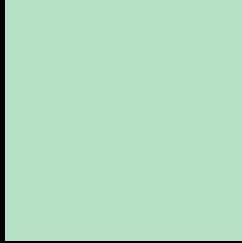
Large Text (above 18pt) WCAG AA × Fail

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 67.9949, 0.3010, 0.3613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

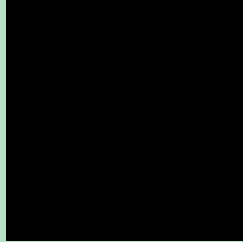
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

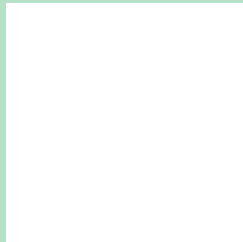
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.9949, 0.3010, 0.3613

Background



This preview shows how black text looks on a background with the Yxy color 67.9949, 0.3010, 0.3613.

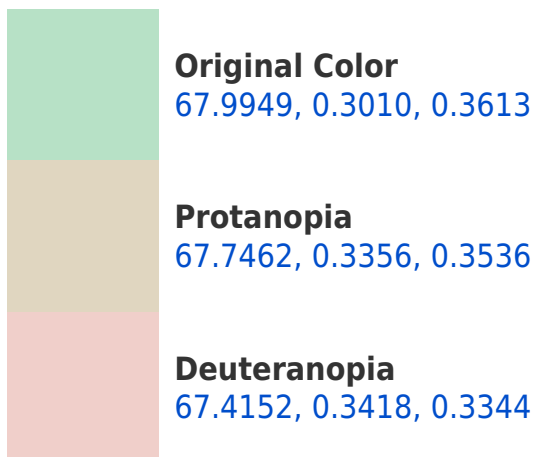


This preview shows how white text looks on a background with the Yxy color 67.9949, 0.3010, 0.3613.

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

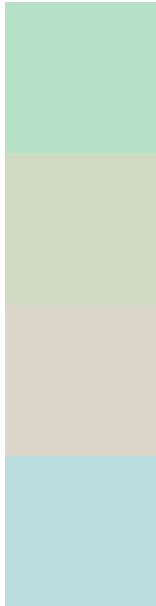




Tritanopia

67.7246, 0.2818, 0.3085

Trichromacy



Original Color

67.9949, 0.3010, 0.3613

Protanomaly

67.5932, 0.3223, 0.3566

Deuteranomaly

67.3702, 0.3254, 0.3436

Tritanomaly

67.6054, 0.2883, 0.3266

Monochromacy



Original Color

67.9949, 0.3010, 0.3613

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

65.2880, 0.3085, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9949, 0.3010, 0.3613 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(183, 225, 198)` looks like.

```
.text, #text, p{  
    color:rgb(183, 225, 198)  
}
```

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(183, 225, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 225, 198) }
```

Border

The CSS property to change the border of an element to Yxy 67.9949, 0.3010, 0.3613 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(183, 225, 198) }
```

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

```
.border{ border-color:rgb(183, 225, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 225, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 225, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 225, 198);  
box-shadow:4px 4px 4px 4px rgb(183, 225,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9949, 0.3010, 0.3613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 225, 198) }
```

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

```
.background{ background-color: rgb(183,  
225, 198) }
```

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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