

Converting Colors

$Yxy(69.0939, 0.3024, 0.3724)$

Have a look what the booklet for
Yxy(69.0939, 0.3024, 0.3724)
contains.

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Color

Yxy(68.9959, 0.3026, 0.3723)

Conversions

Conversions Part 1

Format	Color
Hex	B4E4C0
RGB	180, 228, 192
RGB Percent	71%, 89%, 75%
CMY	0.2942, 0.1059, 0.2469
CMYK	0.21, 0.00, 0.16, 0.11
HSL	135°, 47%, 80%
HSV	135°, 21%, 89%
XYZ	56.0789, 68.9959, 60.2486
YIQ	209.5440, -17.0520, -21.3720

Conversions

Conversions Part 2

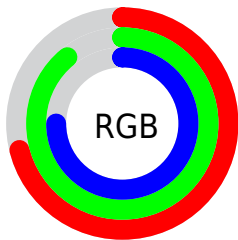
Format	Color
RYB	180, 218, 228
Decimal	11855040
CIELab	86.50, -22.46, 12.53
CIELCh	87, 25.717, 150.834
Yxy	68.9959, 0.3026, 0.3723
Android (android.graphics.Color)	4290045120 (0xFFB4E4C0)
YUV	209.5440, -8.6492, -25.9101
Hunter-Lab	83.0638, -24.8509, 15.1398

Details

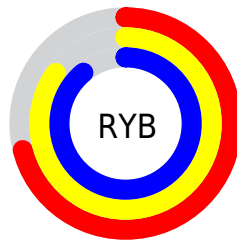
The Yxy color **68.9959, 0.3026, 0.3723** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **54.0843, 0.3247, 0.2893**, and the grayscale version is **64.2006, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1302, 0.3050, 0.3359**, and **35.7756, 0.2998, 0.3839** is the 20% darker color. If you saturate the color by 10%, you get **65.7702, 0.2980, 0.3967**, and if you desaturate by 10%, it is **72.7653, 0.3074, 0.3504**.

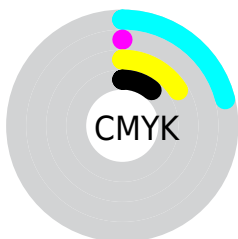
Distribution



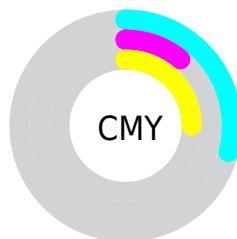
- Red (71%)
- Green (89%)
- Blue (75%)



- Red (71%)
- Yellow (85%)
- Blue (89%)



- Cyan (21%)
- Magenta (0%)
- Yellow (16%)
- Black (11%)





- Cyan (29%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.9959, 0.3026, 0.3723 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 68.9959, 0.3026, 0.3723 by changing the saturation by 10% instead.

 68.9959, 0.3026,
0.3723

 68.9959, 0.3026,
0.3723


457.0165, 0.3076,
0.3514

 50.7084, 0.3014,
0.3773


 117.7757, 0.3044,
0.3649

 35.9766, 0.2998,
0.3836


149.0368, 0.3051,
0.3621

 24.4161, 0.2977,
0.3917


185.3912, 0.3057,
0.3596

 15.6426, 0.2948,
0.4027

227.2233, 0.3062,
0.3576

 9.2716, 0.2905,
0.4182

274.9175, 0.3066,
0.3557

 4.9187, 0.2838,
0.4420


328.8581, 0.3070,

 2.1997, 0.2716,


0.3541


0.4826


389.4297, 0.3073,
0.3527


 0.7198, 0.1589,
0.8411


 0.0000, 0.0000,
0.0000


 68.9959, 0.3026,
0.3723

 68.9959, 0.3026,
0.3723

 65.7702, 0.2980,
0.3967


 72.7653, 0.3074,
0.3504


 63.0546, 0.2939,
0.4232

 77.0932, 0.3122,
0.3309

 60.8250, 0.2906,
0.4513

 82.0042, 0.3169,
0.3139

 59.0518, 0.2883,
0.4800

 83.9710, 0.3139,
0.3029

■ 57.7023, 0.2873,
0.5081

■ 56.7390, 0.2878,
0.5341

■ 56.1178, 0.2898,
0.5564

■ 55.7886, 0.2924,
0.5725

Harmonies

Analogous

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



68.9959, 0.3341, 0.3850



68.9959, 0.3026, 0.3723



68.9959, 0.2748, 0.3461

Triad

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



68.9959, 0.3026, 0.3723



68.9959, 0.2655, 0.2786



68.9959, 0.3713, 0.3375

Complementary

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



68.9959, 0.3026, 0.3723



54.0843, 0.3247, 0.2893

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.



68.9959, 0.3511, 0.3117



68.9959, 0.3026, 0.3723



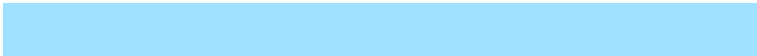
68.9959, 0.2893, 0.2787

Square

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



68.9959, 0.3026, 0.3723



68.9959, 0.2541, 0.2915



68.9959, 0.3206, 0.2907



68.9959, 0.3748, 0.3626

Rectangle

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



68.9959, 0.3026, 0.3723



68.9959, 0.2617, 0.3257



68.9959, 0.3206, 0.2907



68.9959, 0.3662, 0.3287

Sweetspot

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



68.9988, 0.3026, 0.3723



96.4965, 0.3098, 0.3403



73.3843, 0.3355, 0.3830



20.5761, 0.3095, 0.3416



0.0000, 0.0000, 0.0000



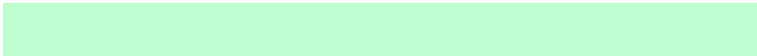
21.4041, 0.3127, 0.3290

Same Dimension

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



68.9988, 0.3026, 0.3723



87.1460, 0.3007, 0.3820



70.1495, 0.2883, 0.3430



16.1482, 0.3082, 0.3471



32.2280, 0.2917, 0.5701



2.3962, 0.2839, 0.5419

Inverse Universe

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



54.0843, 0.3247, 0.2893



64.8628, 0.3275, 0.2813



52.9340, 0.3446, 0.3155



14.5502, 0.3176, 0.3116



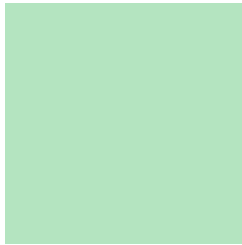
11.2371, 0.3964, 0.1957



0.8450, 0.3830, 0.1883

Previews

White Background



This preview shows how the Yxy color 68.9959, 0.3026, 0.3723 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 68.9959, 0.3026, 0.3723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

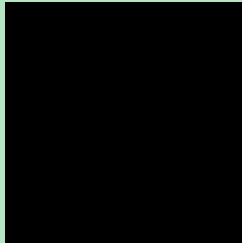
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.9959, 0.3026, 0.3723

Background



This preview shows how black text looks on a background with the Yxy color 68.9959, 0.3026, 0.3723.

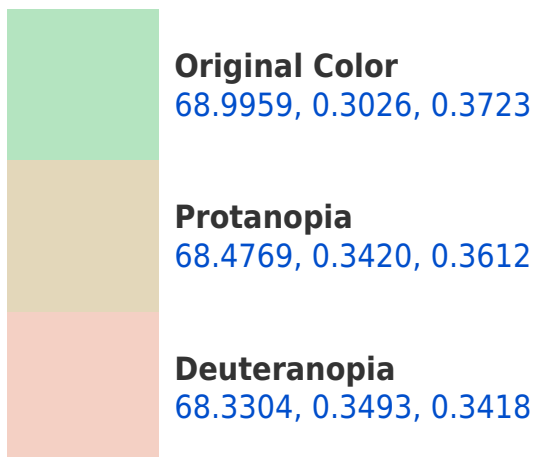


This preview shows how white text looks on a background with the Yxy color 68.9959, 0.3026, 0.3723.

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

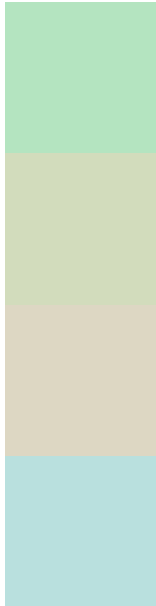




Tritanopia

68.6363, 0.2795, 0.3086

Trichromacy



Original Color

68.9959, 0.3026, 0.3723

Protanomaly

68.5189, 0.3269, 0.3657

Deuteranomaly

67.9132, 0.3310, 0.3514

Tritanomaly

68.8995, 0.2877, 0.3312

Monochromacy



Original Color

68.9959, 0.3026, 0.3723

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

66.0796, 0.3091, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9959, 0.3026, 0.3723 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(180, 228, 192)` looks like.

```
.text, #text, p{  
    color:rgb(180, 228, 192)  
}
```

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(180, 228, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 228, 192) }
```

Border

The CSS property to change the border of an element to Yxy 68.9959, 0.3026, 0.3723 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(180, 228, 192) }
```

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

```
.border{ border-color:rgb(180, 228, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 228, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 228, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 228, 192);  
box-shadow:4px 4px 4px 4px rgb(180, 228,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 68.9959, 0.3026, 0.3723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 228, 192) }
```

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

```
.background{ background-color: rgb(180,  
228, 192) }
```

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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