

Converting Colors

$Yxy(68.3021, 0.3055, 0.3617)$

Have a look what the booklet for
Yxy(68.3021, 0.3055, 0.3617)
contains.

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Color

Yxy(68.1613, 0.3057, 0.3610)

Conversions

Conversions Part 1

Format	Color
Hex	BDE0C5
RGB	189, 224, 197
RGB Percent	74%, 88%, 77%
CMY	0.2588, 0.1216, 0.2275
CMYK	0.16, 0.00, 0.12, 0.12
HSL	134°, 36%, 81%
HSV	134°, 16%, 88%
XYZ	57.7200, 68.1613, 62.9312
YIQ	210.4570, -12.1930, -15.8170

Conversions

Conversions Part 2

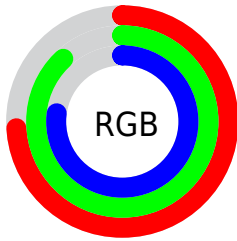
Format	Color
RYB	189, 217, 224
Decimal	12443845
CIELab	86.09, -16.62, 9.42
CIELCh	86, 19.098, 150.460
Yxy	68.1613, 0.3057, 0.3610
Android (android.graphics.Color)	4290633925 (0xFFBDE0C5)
YUV	210.4570, -6.6343, -18.8178
Hunter-Lab	82.5599, -19.6853, 12.5981

Details

The Yxy color **68.1613, 0.3057, 0.3610** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **57.2051, 0.3206, 0.2990**, and the grayscale version is **64.8171, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2686, 0.3077, 0.3300**, and **35.5100, 0.3037, 0.3701** is the 20% darker color. If you saturate the color by 10%, you get **64.7695, 0.3013, 0.3848**, and if you desaturate by 10%, it is **72.0922, 0.3102, 0.3398**.

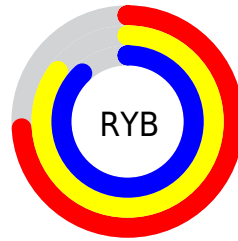
Distribution



Red (74%)

Green (88%)

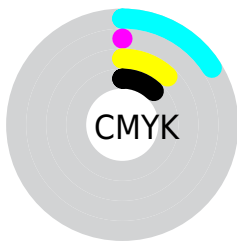
Blue (77%)



Red (74%)

Yellow (85%)

Blue (88%)

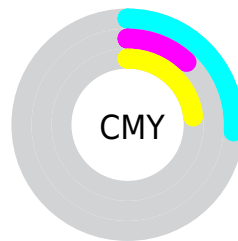


Cyan (16%)

Magenta (0%)

Yellow (12%)

Black (12%)



Cyan (26%)


Magenta (12%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.1613, 0.3057, 0.3610 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 68.1613, 0.3057, 0.3610 by changing the saturation by 10% instead.

 68.1613, 0.3057,
0.3610

 68.1613, 0.3057,
0.3610


454.0673, 0.3092,
0.3457

 50.0290, 0.3049,
0.3646


 116.5829, 0.3069,
0.3556

 35.4364, 0.3038,
0.3692


147.6409, 0.3074,
0.3535

 23.9992, 0.3024,
0.3751


183.7763, 0.3078,
0.3517

 15.3331, 0.3004,
0.3831

225.3734, 0.3082,
0.3502

 9.0535, 0.2976,
0.3944

272.8167, 0.3085,
0.3488

 4.7761, 0.2932,
0.4115


326.4905, 0.3087,

 2.1165, 0.2853,


0.3477


0.4406


386.7792, 0.3090,
0.3466


 0.6739, 0.2387,
0.6847


 0.0000, 0.0000,
0.0000

 68.1613, 0.3057,
0.3610


 68.1613, 0.3057,
0.3610


 64.7695, 0.3013,
0.3848


 72.0922, 0.3102,
0.3398


 61.8848, 0.2972,
0.4109

 76.5754, 0.3146,
0.3211

 59.4851, 0.2936,
0.4391

 81.4046, 0.3181,
0.3047

 57.5433, 0.2908,
0.4684

 81.7937, 0.3141,
0.2989

■ 56.0293, 0.2892,
0.4976

■ 54.9095, 0.2889,
0.5253

■ 54.1453, 0.2900,
0.5498

■ 53.6893, 0.2924,
0.5696

■ 53.5536, 0.2935,
0.5767

Harmonies

Analogous

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



68.1613, 0.3293, 0.3704



68.1613, 0.3057, 0.3610



68.1613, 0.2846, 0.3420

Triad

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



68.1613, 0.3057, 0.3610



68.1613, 0.2770, 0.2912



68.1613, 0.3561, 0.3356

Complementary

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



68.1613, 0.3057, 0.3610



57.2051, 0.3206, 0.2990

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.



68.1613, 0.3411, 0.3159



68.1613, 0.3057, 0.3610



68.1613, 0.2951, 0.2908

Square

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



68.1613, 0.3057, 0.3610



68.1613, 0.2685, 0.3014



68.1613, 0.3185, 0.2998



68.1613, 0.3590, 0.3544

Rectangle

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



68.1613, 0.3057, 0.3610



68.1613, 0.2745, 0.3272



68.1613, 0.3185, 0.2998



68.1613, 0.3523, 0.3289

Sweetspot

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



68.1642, 0.3057, 0.3610



97.0438, 0.3105, 0.3386



71.6513, 0.3305, 0.3683



20.6857, 0.3101, 0.3400



0.0000, 0.0000, 0.0000



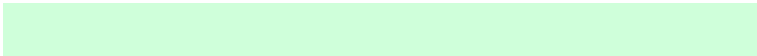
21.4041, 0.3127, 0.3290

Same Dimension

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



68.1642, 0.3057, 0.3610



89.7619, 0.3041, 0.3691



68.9929, 0.2951, 0.3405



15.3882, 0.3085, 0.3476



31.1852, 0.2929, 0.5744



2.1752, 0.2848, 0.5452

Inverse Universe

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



57.2051, 0.3206, 0.2990



72.1963, 0.3226, 0.2920



56.3661, 0.3340, 0.3178



13.8793, 0.3172, 0.3111



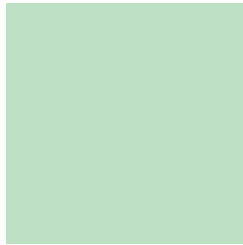
10.9964, 0.3883, 0.1913



0.7755, 0.3758, 0.1844

Previews

White Background



This preview shows how the Yxy color 68.1613, 0.3057, 0.3610 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 68.1613, 0.3057, 0.3610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

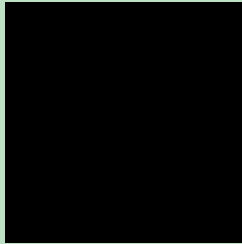
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

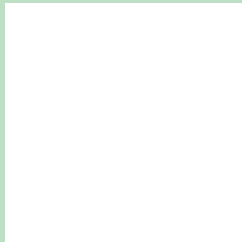
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.1613, 0.3057, 0.3610

Background



This preview shows how black text looks on a background with the Yxy color 68.1613, 0.3057, 0.3610.

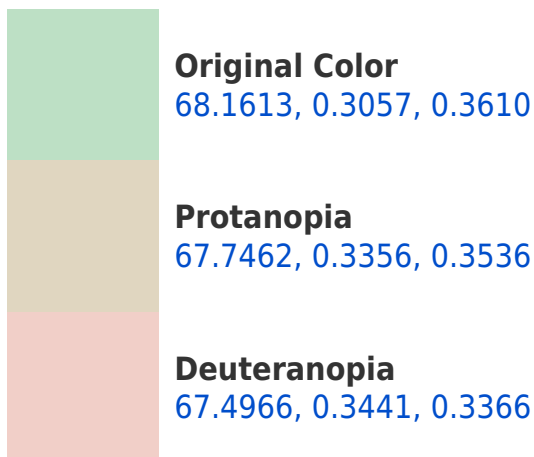


This preview shows how white text looks on a background with the Yxy color 68.1613, 0.3057, 0.3610.

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

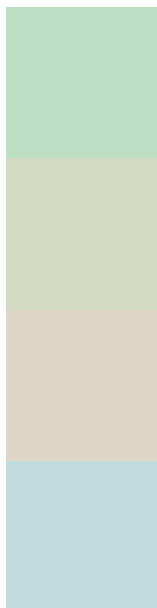




Tritanopia

67.9347, 0.2862, 0.3087

Trichromacy



Original Color

68.1613, 0.3057, 0.3610

Protanomaly

67.8867, 0.3238, 0.3565

Deuteranomaly

67.2416, 0.3292, 0.3447

Tritanomaly

67.7978, 0.2928, 0.3266

Monochromacy



Original Color

68.1613, 0.3057, 0.3610

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.5652, 0.3100, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.1613, 0.3057, 0.3610 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(189, 224, 197)` looks like.

```
.text, #text, p{  
    color:rgb(189, 224, 197)  
}
```

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(189, 224, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 224, 197) }
```

Border

The CSS property to change the border of an element to Yxy 68.1613, 0.3057, 0.3610 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(189, 224, 197) }
```

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

```
.border{ border-color:rgb(189, 224, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 224, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 224, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 224, 197);  
box-shadow:4px 4px 4px 4px rgb(189, 224,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 68.1613, 0.3057, 0.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 224, 197) }
```

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

```
.background{ background-color: rgb(189,  
224, 197) }
```

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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