

Converting Colors

$Yxy(70.0274, 0.3032, 0.3610)$

Have a look what the booklet for
Yxy(70.0274, 0.3032, 0.3610)
contains.

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Color

Yxy(69.7997, 0.3031, 0.3608)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--|
| Hex | BCE3C8 |
| RGB | 188, 227, 200 |
| RGB Percent | 74%, 89%, 78% |
| CMY | 0.2626, 0.1098, 0.2157 |
| CMYK | 0.17, 0.00, 0.12, 0.11 |
| HSL | 138°, 41%, 81% |
| HSV | 138°, 17%, 89% |
| XYZ | 58.6372, 69.7997, 65.0213 |
| YIQ | 212.2610, -14.5770, -16.6650 |

Conversions

Conversions Part 2

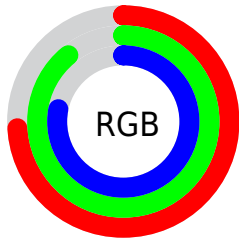
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 188, 218, 227 |
| Decimal | 12379080 |
| CIE Lab | 86.90, -17.88, 8.99 |
| CIE LCh | 87, 20.015, 153.308 |
| Yxy | 69.7997, 0.3031, 0.3608 |
| Android (android.graphics.Color) | 4290569160 (0xFFBCE3C8) |
| YUV | 212.2610, -6.0447, -21.2769 |
| Hunter-Lab | 83.5462, -20.9251, 12.3389 |

Details

The Yxy color **69.7997, 0.3031, 0.3608** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **57.2161, 0.3239, 0.2992**, and the grayscale version is **66.0733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **36.6487, 0.3004, 0.3697** is the 20% darker color. If you saturate the color by 10%, you get **66.4443, 0.2977, 0.3824**, and if you desaturate by 10%, it is **73.6901, 0.3087, 0.3415**.

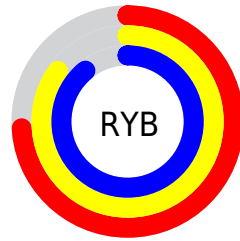
Distribution



Red (74%)

Green (89%)

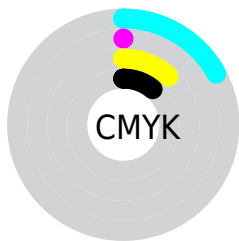
Blue (78%)



Red (74%)

Yellow (85%)

Blue (89%)

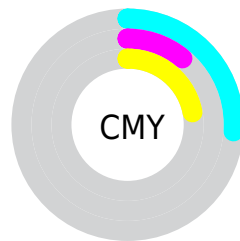


Cyan (17%)

Magenta (0%)

Yellow (12%)

Black (11%)



Cyan (26%)


Magenta (11%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.7997, 0.3031, 0.3608 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 69.7997, 0.3031, 0.3608 by changing the saturation by 10% instead.

 69.7997, 0.3031,
0.3608

 69.7997, 0.3031,
0.3608


459.8464, 0.3078,
0.3456

 51.3633, 0.3020,
0.3644


 118.9231, 0.3048,
0.3554

 36.4978, 0.3006,
0.3689


150.3788, 0.3054,
0.3534

 24.8189, 0.2987,
0.3747


186.9431, 0.3059,
0.3516

 15.9422, 0.2963,
0.3825

229.0003, 0.3064,
0.3501

 9.4832, 0.2927,
0.3935

276.9348, 0.3068,
0.3488

 5.0577, 0.2873,
0.4101

331.1311, 0.3072,

 2.2812, 0.2778,


0.3476

0.4380


391.9735, 0.3075,
0.3466


 0.7637, 0.2304,
0.6080


 0.0000, 0.0000,
0.0000


 69.7997, 0.3031,
0.3608


 69.7997, 0.3031,
0.3608


 66.4443, 0.2977,
0.3824

 73.6901, 0.3087,
0.3415


 63.5916, 0.2928,
0.4061

 78.1286, 0.3143,
0.3244

 61.2195, 0.2886,
0.4315

 82.9248, 0.3190,
0.3093

 59.3004, 0.2854,
0.4581

 83.4182, 0.3140,
0.3019

■ 57.8040, 0.2836,
0.4850

■ 56.6963, 0.2835,
0.5109

■ 55.9376, 0.2850,
0.5346

■ 55.4762, 0.2880,
0.5550

■ 55.3767, 0.2889,
0.5601

Harmonies

Analogous

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



69.7997, 0.3276, 0.3717



69.7997, 0.3031, 0.3608



69.7997, 0.2817, 0.3404

Triad

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



69.7997, 0.3031, 0.3608



69.7997, 0.2770, 0.2892



69.7997, 0.3587, 0.3377

Complementary

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



69.7997, 0.3031, 0.3608



57.2161, 0.3239, 0.2992

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.



69.7997, 0.3441, 0.3172



69.7997, 0.3031, 0.3608



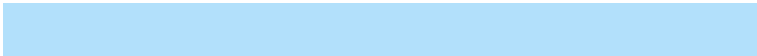
69.7997, 0.2965, 0.2899

Square

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



69.7997, 0.3031, 0.3608



69.7997, 0.2671, 0.2988



69.7997, 0.3211, 0.3000



69.7997, 0.3604, 0.3570

Rectangle

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



69.7997, 0.3031, 0.3608



69.7997, 0.2719, 0.3248



69.7997, 0.3211, 0.3000



69.7997, 0.3551, 0.3308

Sweetspot

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



69.8026, 0.3031, 0.3608



97.1055, 0.3099, 0.3376



73.0638, 0.3299, 0.3727



20.7007, 0.3095, 0.3389



0.0000, 0.0000, 0.0000



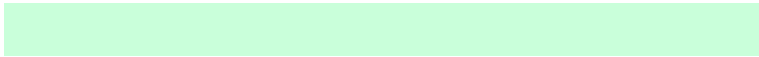
21.4041, 0.3127, 0.3290

Same Dimension

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



69.8026, 0.3031, 0.3608



89.0564, 0.3009, 0.3691



70.7581, 0.2915, 0.3379



16.1617, 0.3074, 0.3457



32.3142, 0.2882, 0.5575



2.4041, 0.2800, 0.5280

Inverse Universe

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



57.2161, 0.3239, 0.2992



69.4491, 0.3269, 0.2920



56.2856, 0.3392, 0.3203



14.5359, 0.3185, 0.3129



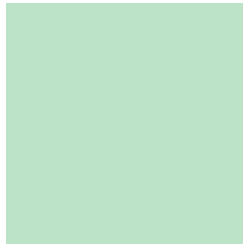
10.9715, 0.4170, 0.2071



0.8272, 0.3996, 0.1975

Previews

White Background



This preview shows how the Yxy color 69.7997, 0.3031, 0.3608 looks on a white background.

Color Contrast Check

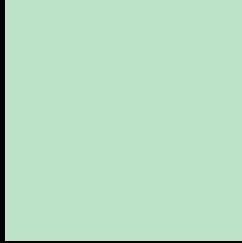
Large Text (above 18pt) WCAG AA × Fail

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 69.7997, 0.3031, 0.3608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

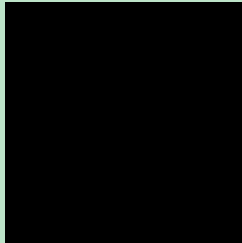
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

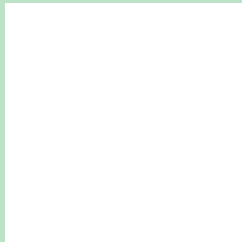
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.7997, 0.3031, 0.3608

Background



This preview shows how black text looks on a background with the Yxy color 69.7997, 0.3031, 0.3608.



This preview shows how white text looks on a background with the Yxy color 69.7997, 0.3031, 0.3608.

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

69.7997, 0.3031, 0.3608

Protanopia

69.1755, 0.3354, 0.3534

Deuteranopia

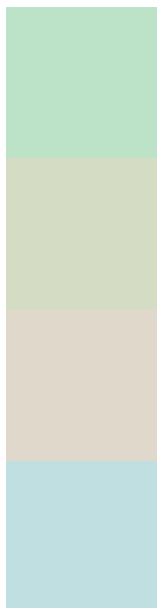
69.5075, 0.3422, 0.3354



Tritanopia

69.5470, 0.2839, 0.3088

Trichromacy



Original Color

69.7997, 0.3031, 0.3608

Protanomaly

69.1690, 0.3230, 0.3563

Deuteranomaly

69.1115, 0.3268, 0.3434

Tritanomaly

69.4181, 0.2904, 0.3267

Monochromacy



Original Color

69.7997, 0.3031, 0.3608

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.8763, 0.3086, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.7997, 0.3031, 0.3608 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(188, 227, 200)` looks like.

```
.text, #text, p{  
    color:rgb(188, 227, 200)  
}
```

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(188, 227, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 227, 200) }
```

Border

The CSS property to change the border of an element to Yxy 69.7997, 0.3031, 0.3608 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(188, 227, 200) }
```

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

```
.border{ border-color:rgb(188, 227, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 227, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 227, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 227, 200);  
box-shadow:4px 4px 4px 4px rgb(188, 227,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 69.7997, 0.3031, 0.3608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 227, 200) }
```

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

```
.background{ background-color: rgb(188,  
227, 200) }
```

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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