

Converting Colors

Yxy(68.0886, 0.3061, 0.3690)

Have a look what the booklet for
Yxy(68.0886, 0.3061, 0.3690)
contains.

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Color

Yxy(67.9705, 0.3061, 0.3685)

Conversions

Conversions Part 1

Format	Color
Hex	B9E1C0
RGB	185, 225, 192
RGB Percent	73%, 88%, 75%
CMY	0.2742, 0.1177, 0.2470
CMYK	0.18, 0.00, 0.15, 0.12
HSL	130°, 40%, 80%
HSV	130°, 18%, 88%
XYZ	56.4607, 67.9705, 60.0206
YIQ	209.2780, -13.2470, -18.7430

Conversions

Conversions Part 2

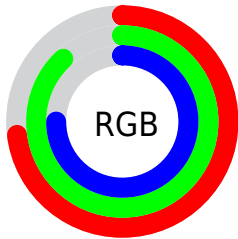
Format	Color
RYB	185, 219, 225
Decimal	12181952
CIELab	85.99, -19.31, 11.86
CIElCh	86, 22.659, 148.437
Yxy	67.9705, 0.3061, 0.3685
Android (android.graphics.Color)	4290372032 (0xFFB9E1C0)
YUV	209.2780, -8.5181, -21.2918
Hunter-Lab	82.4442, -22.0343, 14.5470

Details

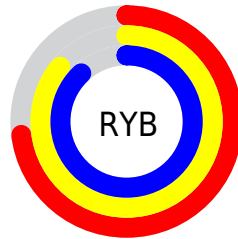
The Yxy color **67.9705, 0.3061, 0.3685** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **55.7971, 0.3201, 0.2925**, and the grayscale version is **64.0246, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9981, 0.3081, 0.3358**, and **35.4388, 0.3034, 0.3786** is the 20% darker color. If you saturate the color by 10%, you get **64.6191, 0.3024, 0.3946**, and if you desaturate by 10%, it is **71.8745, 0.3099, 0.3452**.

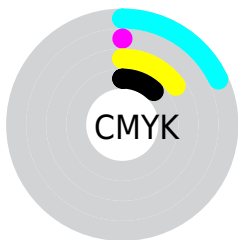
Distribution



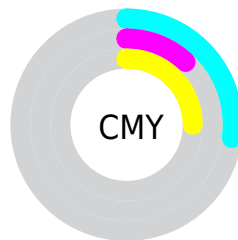
- Red (73%)
- Green (88%)
- Blue (75%)



- Red (73%)
- Yellow (86%)
- Blue (88%)



- Cyan (18%)
- Magenta (0%)
- Yellow (15%)
- Black (12%)





- Cyan (27%)
- Magenta (12%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.9705, 0.3061, 0.3685 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 67.9705, 0.3061, 0.3685 by changing the saturation by 10% instead.


 67.9705, 0.3061,
0.3685

 67.9705, 0.3061,
0.3685


453.3915, 0.3095,
0.3495

 49.8737, 0.3053,
0.3730


 116.3099, 0.3073,
0.3617

 35.3131, 0.3042,
0.3788


147.3214, 0.3078,
0.3592

 23.9041, 0.3027,
0.3862


183.4066, 0.3082,
0.3570

 15.2625, 0.3007,
0.3962

224.9498, 0.3085,
0.3551

 9.0038, 0.2977,
0.4104

272.3355, 0.3088,
0.3534

 4.7437, 0.2928,
0.4321

325.9481, 0.3090,

 2.0977, 0.2837,

0.3519

386.1720, 0.3093,
0.3506

0.4692

0.6633, 0.1935,
0.8065

0.0000, 0.0000,
0.0000

67.9705, 0.3061,
0.3685

67.9705, 0.3061,
0.3685

64.6191, 0.3024,
0.3946

71.8745, 0.3099,
0.3452

61.7871, 0.2990,
0.4232

76.3456, 0.3135,
0.3246

59.4507, 0.2960,
0.4536

81.4083, 0.3171,
0.3066

57.5812, 0.2938,
0.4847

82.3239, 0.3141,
0.2999

■ 56.1465, 0.2925,
0.5150

■ 55.1107, 0.2925,
0.5425

■ 54.4319, 0.2936,
0.5655

■ 54.0536, 0.2956,
0.5826

■ 53.9914, 0.2960,
0.5856

Harmonies

Analogous

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



67.9705, 0.3340, 0.3786



67.9705, 0.3061, 0.3685



67.9705, 0.2808, 0.3462

Triad

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



67.9705, 0.3061, 0.3685



67.9705, 0.2695, 0.2847



67.9705, 0.3636, 0.3349

Complementary

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



67.9705, 0.3061, 0.3685



55.7971, 0.3201, 0.2925

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.



67.9705, 0.3448, 0.3120



67.9705, 0.3061, 0.3685



67.9705, 0.2900, 0.2837

Square

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



67.9705, 0.3061, 0.3685



67.9705, 0.2603, 0.2973



67.9705, 0.3175, 0.2936



67.9705, 0.3680, 0.3574

Rectangle

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



67.9705, 0.3061, 0.3685



67.9705, 0.2685, 0.3284



67.9705, 0.3175, 0.2936



67.9705, 0.3587, 0.3270

Sweetspot

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



67.9734, 0.3061, 0.3685



97.0017, 0.3109, 0.3393



72.3068, 0.3344, 0.3737



20.6755, 0.3106, 0.3408



0.0000, 0.0000, 0.0000



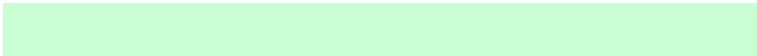
21.4041, 0.3127, 0.3290

Same Dimension

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



67.9734, 0.3061, 0.3685



88.6914, 0.3048, 0.3771



68.9044, 0.2940, 0.3446



15.3760, 0.3092, 0.3489



31.1280, 0.2955, 0.5837



2.1694, 0.2881, 0.5573

Inverse Universe

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



55.7971, 0.3201, 0.2925



69.8778, 0.3218, 0.2853



54.8275, 0.3359, 0.3140



13.8926, 0.3164, 0.3099



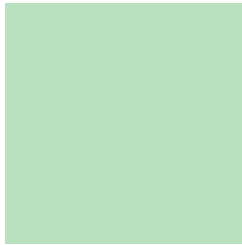
11.2791, 0.3703, 0.1813



0.7927, 0.3614, 0.1764

Previews

White Background



This preview shows how the Yxy color 67.9705, 0.3061, 0.3685 looks on a white background.

Color Contrast Check

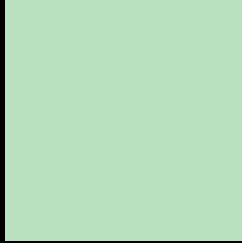
Large Text (above 18pt) WCAG AA × Fail

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 67.9705, 0.3061, 0.3685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

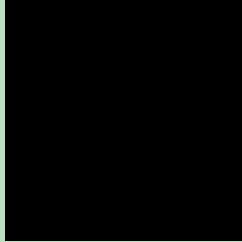
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

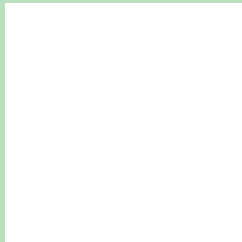
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.9705, 0.3061, 0.3685

Background



This preview shows how black text looks on a background with the Yxy color 67.9705, 0.3061, 0.3685.

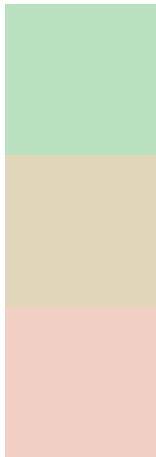


This preview shows how white text looks on a background with the Yxy color 67.9705, 0.3061, 0.3685.

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

67.9705, 0.3061, 0.3685

Protanopia

67.6459, 0.3407, 0.3603

Deuteranopia

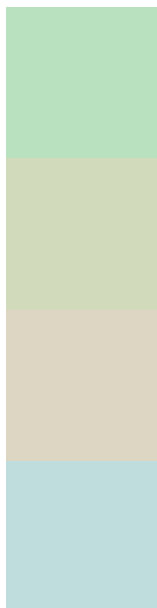
67.4884, 0.3479, 0.3408



Tritanopia

68.0566, 0.2843, 0.3097

Trichromacy



Original Color

67.9705, 0.3061, 0.3685

Protanomaly

67.4753, 0.3272, 0.3635

Deuteranomaly

67.4054, 0.3312, 0.3503

Tritanomaly

67.8274, 0.2921, 0.3301

Monochromacy



Original Color

67.9705, 0.3061, 0.3685

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

65.1920, 0.3099, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9705, 0.3061, 0.3685 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(185, 225, 192)` looks like.

```
.text, #text, p{  
    color:rgb(185, 225, 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(185, 225, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 225, 192) }
```

Border

The CSS property to change the border of an element to Yxy 67.9705, 0.3061, 0.3685 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(185, 225, 192) }
```

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

```
.border{ border-color:rgb(185, 225, 192) }
```

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

Here you see how a box with a 4 pixel rgb(185, 225, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 225, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 225, 192);  
box-shadow:4px 4px 4px 4px rgb(185, 225,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9705, 0.3061, 0.3685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 225, 192) }
```

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

```
.background{ background-color: rgb(185,  
225, 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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