

Converting Colors

$Yxy(67.6455, 0.3075, 0.3672)$

Have a look what the booklet for
Yxy(67.6455, 0.3075, 0.3672)
contains.

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Color

Yxy(67.6819, 0.3075, 0.3673)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | BBE0C0 |
| RGB | 187, 224, 192 |
| RGB Percent | 73%, 88%, 75% |
| CMY | 0.2666, 0.1215, 0.2472 |
| CMYK | 0.17, 0.00, 0.14, 0.12 |
| HSL | 128°, 37%, 81% |
| HSV | 128°, 17%, 88% |
| XYZ | 56.6626, 67.6819, 59.9242 |
| YIQ | 209.2890, -11.7800, -17.7960 |

Conversions

Conversions Part 2

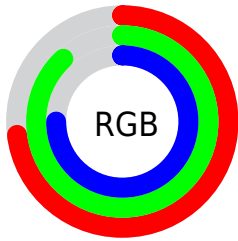
| Format | Color |
|-------------------------------------|---|
| RYB | 187, 220, 224 |
| Decimal | 12312768 |
| CIELab | 85.85, -18.18, 11.70 |
| CIElCh | 86, 21.622, 147.242 |
| Yxy | 67.6819, 0.3075, 0.3673 |
| Android (android.graphics.Color) | 4290502848 (0xFFBBE0C0) |
| YUV | 209.2890, -8.5235, -19.5475 |
| Hunter-Lab | 82.2690, -21.0292, 14.4019 |

Details

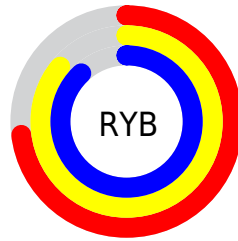
The Yxy color **67.6819, 0.3075, 0.3673** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.5125, 0.3184, 0.2935**, and the grayscale version is **64.0230, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3520, 0.3093, 0.3358**, and **35.2266, 0.3051, 0.3769** is the 20% darker color. If you saturate the color by 10%, you get **64.2721, 0.3043, 0.3944**, and if you desaturate by 10%, it is **71.6515, 0.3107, 0.3432**.

Distribution



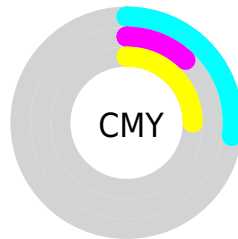
- Red (73%)
- Green (88%)
- Blue (75%)



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



- Cyan (17%)
- Magenta (0%)
- Yellow (14%)
- Black (12%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.6819, 0.3075, 0.3673 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 67.6819, 0.3075, 0.3673 by changing the saturation by 10% instead.

 67.6819, 0.3075,
0.3673

 67.6819, 0.3075,
0.3673


452.3681, 0.3102,
0.3489

 49.6390, 0.3068,
0.3717


 115.8970, 0.3085,
0.3608

 35.1266, 0.3059,
0.3772


146.8379, 0.3089,
0.3582

 23.7604, 0.3047,
0.3844


182.8470, 0.3092,
0.3561

 15.1560, 0.3031,
0.3941

224.3086, 0.3094,
0.3543

 8.9290, 0.3005,
0.4079

271.6071, 0.3097,
0.3527

 4.6949, 0.2964,
0.4289


325.1269, 0.3099,

 2.0694, 0.2885,


0.3512

0.4649


385.2525, 0.3100,
0.3500


 0.6473, 0.2093,
0.7907

 0.0000, 0.0000,
0.0000


 67.6819, 0.3075,
0.3673


 67.6819, 0.3075,
0.3673


 64.2721, 0.3043,
0.3944


 71.6515, 0.3107,
0.3432


 61.3887, 0.3013,
0.4241

 76.1956, 0.3138,
0.3219

 59.0080, 0.2986,
0.4557

 81.3387, 0.3167,
0.3035

 57.1009, 0.2965,
0.4880

 81.7940, 0.3141,
0.2989

■ 55.6355, 0.2951,
0.5193

■ 54.5758, 0.2948,
0.5474

■ 53.8800, 0.2955,
0.5703

■ 53.4963, 0.2970,
0.5865

■ 53.4075, 0.2974,
0.5907

Harmonies

Analogous

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



67.6819, 0.3341, 0.3764



67.6819, 0.3075, 0.3673



67.6819, 0.2830, 0.3464

Triad

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



67.6819, 0.3075, 0.3673



67.6819, 0.2707, 0.2869



67.6819, 0.3608, 0.3338

Complementary

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



67.6819, 0.3075, 0.3673



56.5125, 0.3184, 0.2935

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.



67.6819, 0.3424, 0.3119



67.6819, 0.3075, 0.3673



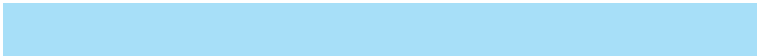
67.6819, 0.2901, 0.2855

Square

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



67.6819, 0.3075, 0.3673



67.6819, 0.2624, 0.2994



67.6819, 0.3162, 0.2946



67.6819, 0.3656, 0.3555

Rectangle

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



67.6819, 0.3075, 0.3673



67.6819, 0.2710, 0.3295



67.6819, 0.3162, 0.2946



67.6819, 0.3560, 0.3263

Sweetspot

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



67.6848, 0.3075, 0.3673



96.9705, 0.3112, 0.3398



71.9738, 0.3338, 0.3704



20.6679, 0.3109, 0.3414



0.0000, 0.0000, 0.0000



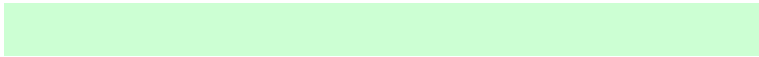
21.4041, 0.3127, 0.3290

Same Dimension

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



67.6848, 0.3075, 0.3673



89.0516, 0.3063, 0.3768



68.5558, 0.2960, 0.3449



15.3670, 0.3098, 0.3499



31.0951, 0.2970, 0.5891



2.1651, 0.2907, 0.5666

Inverse Universe

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



56.5125, 0.3184, 0.2935



71.2341, 0.3198, 0.2855



55.5922, 0.3330, 0.3137



13.9024, 0.3158, 0.3089



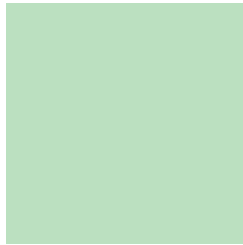
11.5048, 0.3577, 0.1744



0.8063, 0.3512, 0.1708

Previews

White Background



This preview shows how the Yxy color 67.6819, 0.3075, 0.3673 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 67.6819, 0.3075, 0.3673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

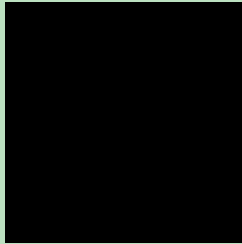
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

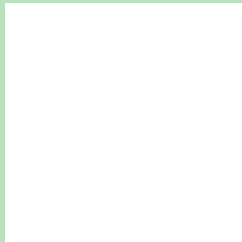
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.6819, 0.3075, 0.3673

Background



This preview shows how black text looks on a background with the Yxy color 67.6819, 0.3075, 0.3673.

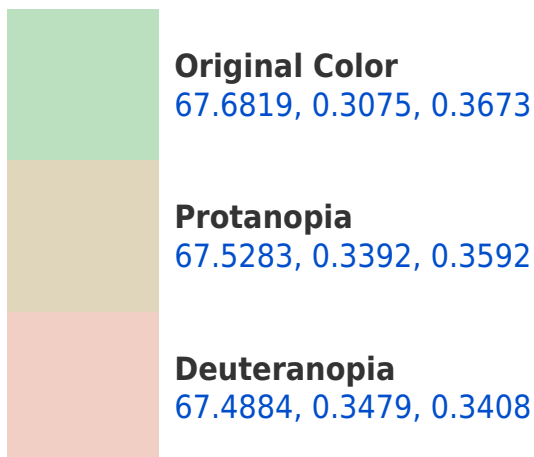


This preview shows how white text looks on a background with the Yxy color 67.6819, 0.3075, 0.3673.

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

67.6103, 0.2855, 0.3097

Trichromacy



Original Color

67.6819, 0.3075, 0.3673

Protanomaly

67.6658, 0.3273, 0.3623

Deuteranomaly

67.0582, 0.3321, 0.3492

Tritanomaly

67.3772, 0.2933, 0.3301

Monochromacy



Original Color

67.6819, 0.3075, 0.3673

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.8224, 0.3107, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.6819, 0.3075, 0.3673 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(187, 224, 192)` looks like.

```
.text, #text, p{  
    color:rgb(187, 224, 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(187, 224, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 224, 192) }
```

Border

The CSS property to change the border of an element to Yxy 67.6819, 0.3075, 0.3673 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(187, 224, 192) }
```

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

```
.border{ border-color:rgb(187, 224, 192) }
```

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

Here you see how a box with a 4 pixel rgb(187, 224, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 224, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 224, 192);  
box-shadow:4px 4px 4px 4px rgb(187, 224,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 67.6819, 0.3075, 0.3673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 224, 192) }
```

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

```
.background{ background-color: rgb(187,  
224, 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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