

Converting Colors

Yxy(67.4640, 0.3106, 0.3734)

Have a look what the booklet for
Yxy(67.4640, 0.3106, 0.3734)
contains.

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Color

Yxy(67.4640, 0.3106, 0.3734)

Conversions

Conversions Part 1

Format	Color
Hex	BBE0BB
RGB	187, 224, 187
RGB Percent	73%, 88%, 73%
CMY	0.2667, 0.1215, 0.2666
CMYK	0.17, 0.00, 0.17, 0.12
HSL	120°, 37%, 81%
HSV	120°, 17%, 88%
XYZ	56.1176, 67.4640, 57.0933
YIQ	208.7190, -10.1750, -19.3510

Conversions

Conversions Part 2

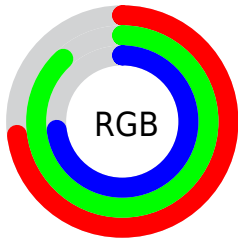
Format	Color
RYB	187, 224, 224
Decimal	12312763
CIELab	85.74, -19.06, 14.13
CIELCh	86, 23.732, 143.450
Yxy	67.4640, 0.3106, 0.3734
Android (android.graphics.Color)	4290502843 (0xFFBBE0BB)
YUV	208.7190, -10.7075, -19.0476
Hunter-Lab	82.1365, -21.7833, 16.2829

Details

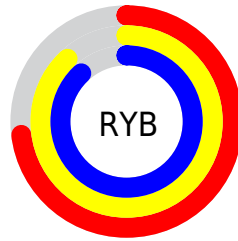
The Yxy color **67.4640, 0.3106, 0.3734** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **56.7610, 0.3147, 0.2883**, and the grayscale version is **63.6445, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0458, 0.3122, 0.3408**, and **35.0837, 0.3092, 0.3852** is the 20% darker color. If you saturate the color by 10%, you get **63.9739, 0.3091, 0.4048**, and if you desaturate by 10%, it is **71.5498, 0.3119, 0.3454**.

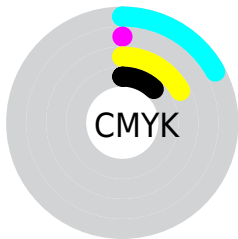
Distribution



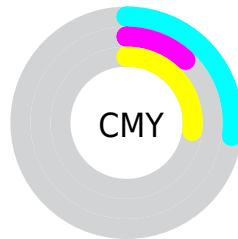
- Red (73%)
- Green (88%)
- Blue (73%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.4640, 0.3106, 0.3734 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 67.4640, 0.3106, 0.3734 by changing the saturation by 10% instead.


 67.4640, 0.3106,
0.3734

 67.4640, 0.3106,
0.3734


451.5946, 0.3119,
0.3520

 49.4618, 0.3102,
0.3785

 115.5850, 0.3111,
0.3658

 34.9859, 0.3097,
0.3850


146.4726, 0.3113,
0.3629

 23.6521, 0.3089,
0.3934


182.4242, 0.3115,
0.3604

 15.0757, 0.3078,
0.4048

223.8240, 0.3116,
0.3582

 8.8725, 0.3060,
0.4209

271.0566, 0.3117,
0.3564

 4.6581, 0.3026,
0.4456


324.5063, 0.3118,


 2.0481, 0.2956,


0.3547


0.4879


384.5575, 0.3118,
0.3533

 0.6352, 0.1788,
0.8212


 0.0000, 0.0000,
0.0000


 67.4640, 0.3106,
0.3734

 67.4640, 0.3106,
0.3734


 63.9739, 0.3091,
0.4048


 71.5498, 0.3119,
0.3454


 61.0436, 0.3075,
0.4391

 76.2481, 0.3131,
0.3209

 58.6466, 0.3058,
0.4750

 81.5859, 0.3141,
0.2997

 56.7507, 0.3041,
0.5105

 81.7953, 0.3141,
0.2989

■ 55.3206, 0.3026,
0.5429

■ 54.3159, 0.3014,
0.5695

■ 53.6899, 0.3005,
0.5880

■ 53.3831, 0.3001,
0.5978

■ 53.3159, 0.3000,
0.5999

Harmonies

Analogous

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



67.4640, 0.3396, 0.3814



67.4640, 0.3106, 0.3734



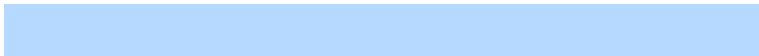
67.4640, 0.2831, 0.3516

Triad

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



67.4640, 0.3106, 0.3734



67.4640, 0.2649, 0.2839



67.4640, 0.3638, 0.3310

Complementary

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



67.4640, 0.3106, 0.3734



56.7610, 0.3147, 0.2883

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.



67.4640, 0.3420, 0.3075



67.4640, 0.3106, 0.3734



67.4640, 0.2846, 0.2809

Square

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



67.4640, 0.3106, 0.3734



67.4640, 0.2575, 0.2989



67.4640, 0.3127, 0.2895



67.4640, 0.3712, 0.3551

Rectangle

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



67.4640, 0.3106, 0.3734



67.4640, 0.2691, 0.3330



67.4640, 0.3127, 0.2895



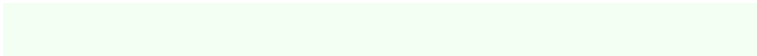
67.4640, 0.3579, 0.3228

Sweetspot

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



67.4669, 0.3106, 0.3734



96.8683, 0.3121, 0.3415



72.7508, 0.3375, 0.3699



20.6432, 0.3120, 0.3433



0.0000, 0.0000, 0.0000



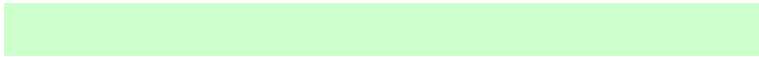
21.4041, 0.3127, 0.3290

Same Dimension

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



67.4669, 0.3106, 0.3734



88.7202, 0.3101, 0.3844



68.3095, 0.2990, 0.3508



15.3376, 0.3116, 0.3532



31.0316, 0.3000, 0.5999



2.1510, 0.2999, 0.5997

Inverse Universe

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



56.7610, 0.3147, 0.2883



71.6615, 0.3151, 0.2792



55.8130, 0.3290, 0.3082



13.9353, 0.3138, 0.3059



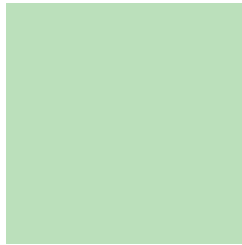
12.3479, 0.3212, 0.1543



0.8560, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 67.4640, 0.3106, 0.3734 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 67.4640, 0.3106, 0.3734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

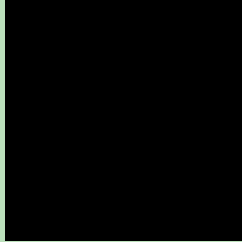
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

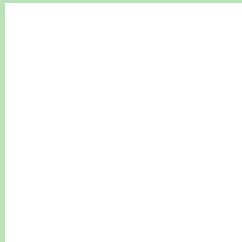
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.4640, 0.3106, 0.3734

Background



This preview shows how black text looks on a background with the Yxy color 67.4640, 0.3106, 0.3734.

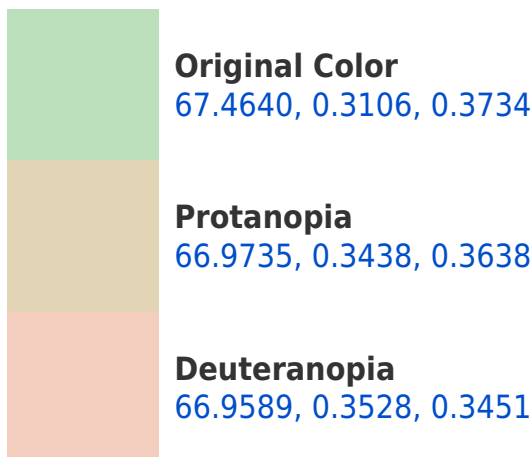


This preview shows how white text looks on a background with the Yxy color 67.4640, 0.3106, 0.3734.

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

67.2260, 0.2861, 0.3086

Trichromacy



Original Color

67.4640, 0.3106, 0.3734

Protanomaly

66.9353, 0.3308, 0.3671

Deuteranomaly

66.9942, 0.3364, 0.3548

Tritanomaly

67.4548, 0.2946, 0.3313

Monochromacy



Original Color

67.4640, 0.3106, 0.3734

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.7277, 0.3120, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4640, 0.3106, 0.3734 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(187, 224, 187)  
}
```

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, 187) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 67.4640, 0.3106, 0.3734 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, 187) }
```

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

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

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, 187)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 67.4640, 0.3106, 0.3734 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, 187) }
```

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

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

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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