

Converting Colors

Yxy(67.6856, 0.3026, 0.3619)

Have a look what the booklet for
Yxy(67.6856, 0.3026, 0.3619)
contains.

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Color

Yxy(67.5329, 0.3023, 0.3613)

Conversions

Conversions Part 1

Format	Color
Hex	B8E0C5
RGB	184, 224, 197
RGB Percent	72%, 88%, 77%
CMY	0.2783, 0.1216, 0.2275
CMYK	0.18, 0.00, 0.12, 0.12
HSL	139°, 39%, 80%
HSV	139°, 18%, 88%
XYZ	56.5048, 67.5329, 62.8787
YIQ	208.9620, -15.1730, -16.8770

Conversions

Conversions Part 2

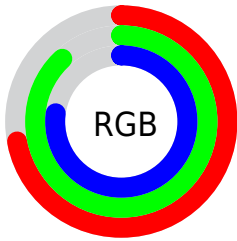
Format	Color
RYB	184, 214, 224
Decimal	12116165
CIELab	85.77, -18.25, 8.92
CIElCh	86, 20.315, 153.955
Yxy	67.5329, 0.3023, 0.3613
Android (android.graphics.Color)	4290306245 (0xFFB8E0C5)
YUV	208.9620, -5.8973, -21.8917
Hunter-Lab	82.1784, -21.0779, 12.1592

Details

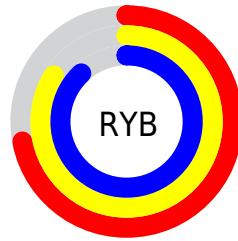
The Yxy color **67.5329, 0.3023, 0.3613** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **54.8431, 0.3249, 0.2987**, and the grayscale version is **63.7852, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2010, 0.3041, 0.3300**, and **35.1049, 0.2993, 0.3706** is the 20% darker color. If you saturate the color by 10%, you get **64.3253, 0.2967, 0.3824**, and if you desaturate by 10%, it is **71.2538, 0.3081, 0.3424**.

Distribution



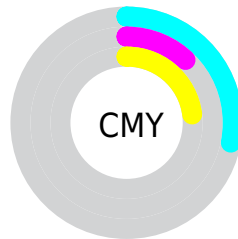
- Red (72%)
- Green (88%)
- Blue (77%)



- Red (72%)
- Yellow (84%)
- Blue (88%)



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





- Cyan (28%)
- Magenta (12%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.5329, 0.3023, 0.3613 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 67.5329, 0.3023, 0.3613 by changing the saturation by 10% instead.

 67.5329, 0.3023,
0.3613

 67.5329, 0.3023,
0.3613

451.8393, 0.3074,
0.3458

 49.5178, 0.3011,
0.3650


 115.6837, 0.3041,
0.3558

 35.0304, 0.2995,
0.3696


146.5882, 0.3048,
0.3537

 23.6863, 0.2975,
0.3757


182.5579, 0.3054,
0.3519

 15.1011, 0.2948,
0.3838

223.9773, 0.3059,
0.3503

 8.8904, 0.2909,
0.3953

271.2307, 0.3063,
0.3490

 4.6697, 0.2848,
0.4129


324.7026, 0.3067,

 2.0548, 0.2741,


0.3478

0.4429


384.7773, 0.3071,
0.3467


 0.6390, 0.1854,
0.7319


 0.0000, 0.0000,
0.0000

 67.5329, 0.3023,
0.3613


 67.5329, 0.3023,
0.3613

 64.3253, 0.2967,
0.3824

 71.2538, 0.3081,
0.3424


 61.5999, 0.2916,
0.4056

 75.5007, 0.3140,
0.3256

 59.3351, 0.2873,
0.4305

 80.2964, 0.3197,
0.3108

 57.5046, 0.2841,
0.4564

 81.7911, 0.3141,
0.2989

■ 56.0789, 0.2823,
0.4827

■ 55.0249, 0.2822,
0.5081

■ 54.3041, 0.2839,
0.5315

■ 53.8635, 0.2870,
0.5517

■ 53.7882, 0.2877,
0.5557

Harmonies

Analogous

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



67.5329, 0.3275, 0.3727



67.5329, 0.3023, 0.3613



67.5329, 0.2805, 0.3402

Triad

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



67.5329, 0.3023, 0.3613



67.5329, 0.2765, 0.2881



67.5329, 0.3601, 0.3384

Complementary

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



67.5329, 0.3023, 0.3613



54.8431, 0.3249, 0.2987

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.



67.5329, 0.3454, 0.3173



67.5329, 0.3023, 0.3613



67.5329, 0.2966, 0.2890

Square

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



67.5329, 0.3023, 0.3613



67.5329, 0.2661, 0.2977



67.5329, 0.3218, 0.2996



67.5329, 0.3615, 0.3581

Rectangle

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



67.5329, 0.3023, 0.3613



67.5329, 0.2707, 0.3242



67.5329, 0.3218, 0.2996



67.5329, 0.3565, 0.3313

Sweetspot

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



67.5357, 0.3023, 0.3613



97.1192, 0.3098, 0.3374



70.6722, 0.3301, 0.3746



20.7040, 0.3093, 0.3387



0.0000, 0.0000, 0.0000



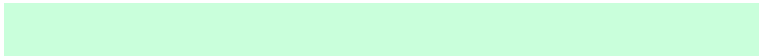
21.4041, 0.3127, 0.3290

Same Dimension

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



67.5357, 0.3023, 0.3613



89.1055, 0.3004, 0.3680



68.4972, 0.2903, 0.3375



15.4102, 0.3072, 0.3452



31.3275, 0.2869, 0.5529



2.1875, 0.2782, 0.5215

Inverse Universe

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



54.8431, 0.3249, 0.2987



69.3942, 0.3276, 0.2929



53.9159, 0.3410, 0.3207



13.8560, 0.3187, 0.3133



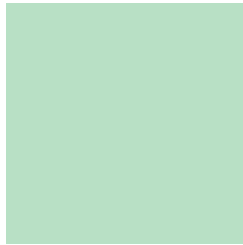
10.5525, 0.4235, 0.2107



0.7476, 0.4038, 0.1998

Previews

White Background



This preview shows how the Yxy color 67.5329, 0.3023, 0.3613 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 67.5329, 0.3023, 0.3613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

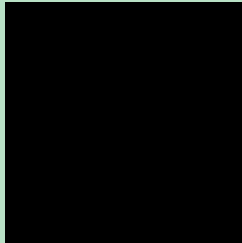
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

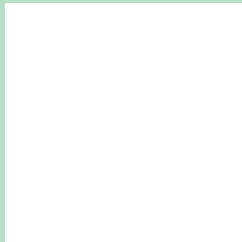
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.5329, 0.3023, 0.3613

Background



This preview shows how black text looks on a background with the Yxy color 67.5329, 0.3023, 0.3613.

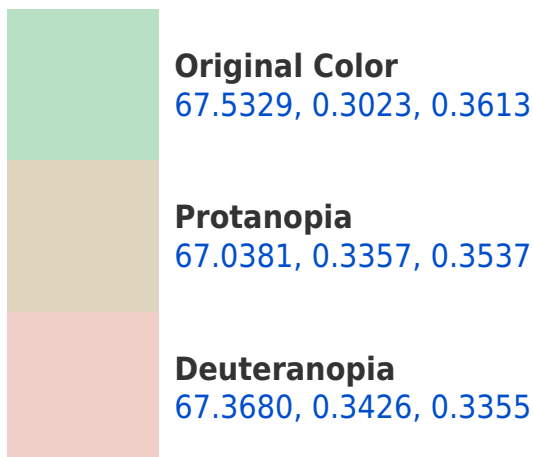


This preview shows how white text looks on a background with the Yxy color 67.5329, 0.3023, 0.3613.

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

67.2753, 0.2829, 0.3085

Trichromacy



Original Color

67.5329, 0.3023, 0.3613

Protanomaly

67.0313, 0.3231, 0.3566

Deuteranomaly

66.9743, 0.3270, 0.3436

Tritanomaly

67.1517, 0.2895, 0.3266

Monochromacy



Original Color

67.5329, 0.3023, 0.3613

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.7803, 0.3086, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.5329, 0.3023, 0.3613 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(184, 224, 197)` looks like.

```
.text, #text, p{  
    color:rgb(184, 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(184, 224, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 224, 197) }
```

Border

The CSS property to change the border of an element to Yxy 67.5329, 0.3023, 0.3613 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(184, 224, 197) }
```

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

```
.border{ border-color:rgb(184, 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(184, 224, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 224, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 224, 197);  
box-shadow:4px 4px 4px 4px rgb(184, 224,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 67.5329, 0.3023, 0.3613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 224, 197) }
```

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

```
.background{ background-color: rgb(184,  
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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