

Converting Colors

Yxy(64.4682, 0.3027, 0.3459)

Have a look what the booklet for
Yxy(64.4682, 0.3027, 0.3459)
contains.

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Color

Yxy(64.1948, 0.3026, 0.3457)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | BDD8CA |
| RGB | 189, 216, 202 |
| RGB Percent | 74%, 85%, 79% |
| CMY | 0.2591, 0.1529, 0.2078 |
| CMYK | 0.13, 0.00, 0.06, 0.15 |
| HSL | 149°, 26%, 79% |
| HSV | 149°, 13%, 85% |
| XYZ | 56.1913, 64.1948, 65.3090 |
| YIQ | 206.3310, -11.5980, -10.0780 |

Conversions

Conversions Part 2

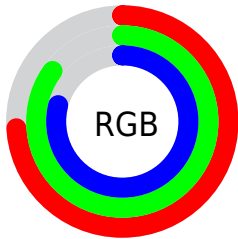
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 189, 207, 216 |
| Decimal | 12441802 |
| CIELab | 84.07, -11.68, 3.86 |
| CIELCh | 84, 12.302, 161.709 |
| Yxy | 64.1948, 0.3026, 0.3457 |
| Android (android.graphics.Color) | 4290631882 (0xFFBDD8CA) |
| YUV | 206.3310, -2.1352, -15.1993 |
| Hunter-Lab | 80.1217, -15.0263, 7.7565 |

Details

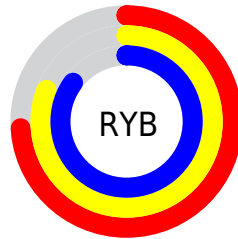
The Yxy color **64.1948, 0.3026, 0.3457** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.2797, 0.3242, 0.3129**, and the grayscale version is **61.9591, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **32.8621, 0.3005, 0.3497** is the 20% darker color. If you saturate the color by 10%, you get **61.1282, 0.2948, 0.3608**, and if you desaturate by 10%, it is **67.7166, 0.3107, 0.3322**.

Distribution



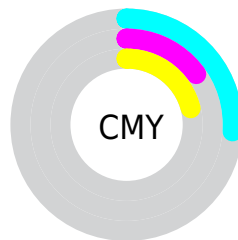
- Red (74%)
- Green (85%)
- Blue (79%)



- Red (74%)
- Yellow (81%)
- Blue (85%)



- Cyan (13%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)




- Cyan (26%)
- Magenta (15%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.1948, 0.3026, 0.3457 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 64.1948, 0.3026, 0.3457 by changing the saturation by 10% instead.


 64.1948, 0.3026,
0.3457

 64.1948, 0.3026,
0.3457


439.8928, 0.3074,
0.3377

 46.8085, 0.3015,
0.3476


 110.8914, 0.3043,
0.3429

 32.8843, 0.3000,
0.3500


140.9705, 0.3050,
0.3418

 22.0378, 0.2982,
0.3531


176.0493, 0.3055,
0.3409

 13.8847, 0.2956,
0.3573

216.5122, 0.3060,
0.3401

 8.0405, 0.2921,
0.3632

262.7436, 0.3064,
0.3394

 4.1209, 0.2867,
0.3722

315.1279, 0.3068,

 1.7414, 0.2776,

0.3387

374.0495, 0.3071,
0.3382

0.3877

0.4503, 0.1756,
0.5536

0.0000, 0.0000,
0.0000

64.1948, 0.3026,
0.3457

64.1948, 0.3026,
0.3457

61.1282, 0.2948,
0.3608

67.7166, 0.3107,
0.3322

58.4898, 0.2876,
0.3774

71.7031, 0.3188,
0.3202

56.2618, 0.2811,
0.3954

76.1741, 0.3268,
0.3096

54.4223, 0.2759,
0.4146

77.0802, 0.3200,
0.2989

■ 52.9472, 0.2721,
0.4347

■ 77.6022, 0.3145,
0.2911

■ 51.8094, 0.2701,
0.4551

■ 50.9781, 0.2701,
0.4753

■ 50.4162, 0.2721,
0.4947

■ 50.1265, 0.2745,
0.5083

Harmonies

Analogous

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



64.1948, 0.3181, 0.3544



64.1948, 0.3026, 0.3457



64.1948, 0.2901, 0.3322

Triad

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



64.1948, 0.3026, 0.3457



64.1948, 0.2930, 0.3030



64.1948, 0.3428, 0.3386

Complementary

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



64.1948, 0.3026, 0.3457



55.2797, 0.3242, 0.3129

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.



64.1948, 0.3358, 0.3252



64.1948, 0.3026, 0.3457



64.1948, 0.3068, 0.3051

Square

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



64.1948, 0.3026, 0.3457



64.1948, 0.2846, 0.3076



64.1948, 0.3225, 0.3131



64.1948, 0.3415, 0.3498

Rectangle

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



64.1948, 0.3026, 0.3457



64.1948, 0.2849, 0.3227



64.1948, 0.3225, 0.3131



64.1948, 0.3413, 0.3342

Sweetspot

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



64.1975, 0.3026, 0.3457



97.7812, 0.3094, 0.3341



65.5437, 0.3218, 0.3607



20.8425, 0.3088, 0.3351



0.0000, 0.0000, 0.0000



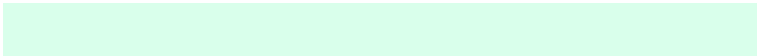
21.4041, 0.3127, 0.3290

Same Dimension

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



64.1975, 0.3026, 0.3457



92.2436, 0.3005, 0.3495



64.8453, 0.2942, 0.3300



13.9948, 0.3051, 0.3413



29.6851, 0.2738, 0.5056



1.8072, 0.2648, 0.4731

Inverse Universe

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



55.2797, 0.3242, 0.3129



76.8447, 0.3270, 0.3094



54.6809, 0.3346, 0.3280



12.5271, 0.3211, 0.3170



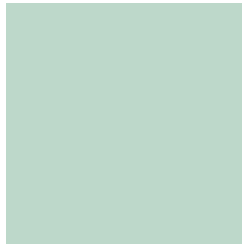
9.3525, 0.4874, 0.2458



0.5808, 0.4509, 0.2257

Previews

White Background



This preview shows how the Yxy color 64.1948, 0.3026, 0.3457 looks on a white background.

Color Contrast Check

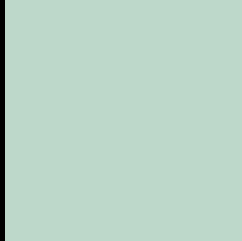
Large Text (above 18pt) WCAG AA × Fail

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 64.1948, 0.3026, 0.3457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

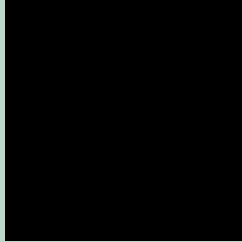
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

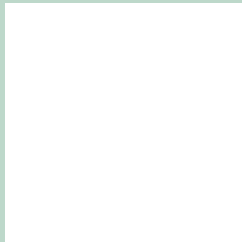
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.1948, 0.3026, 0.3457

Background



This preview shows how black text looks on a background with the Yxy color 64.1948, 0.3026, 0.3457.

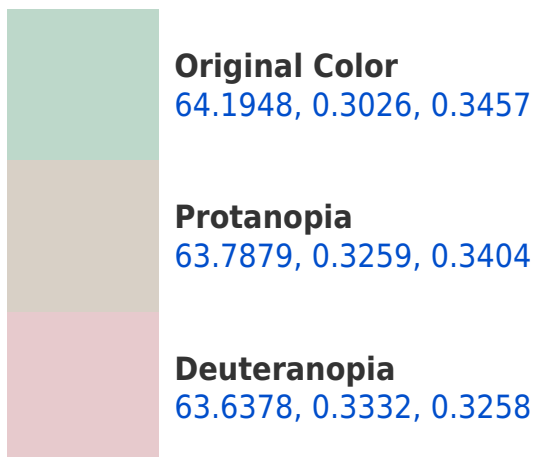


This preview shows how white text looks on a background with the Yxy color 64.1948, 0.3026, 0.3457.

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

64.2134, 0.2888, 0.3094

Trichromacy



Original Color

64.1948, 0.3026, 0.3457

Protanomaly

63.8339, 0.3173, 0.3429

Deuteranomaly

63.5842, 0.3217, 0.3324

Tritanomaly

63.9094, 0.2938, 0.3219

Monochromacy



Original Color

64.1948, 0.3026, 0.3457

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.7803, 0.3087, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1948, 0.3026, 0.3457 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(189, 216, 202)` looks like.

```
.text, #text, p{  
    color:rgb(189, 216, 202)  
}
```

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(189, 216, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 216, 202) }
```

Border

The CSS property to change the border of an element to Yxy 64.1948, 0.3026, 0.3457 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(189, 216, 202) }
```

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

```
.border{ border-color:rgb(189, 216, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 216, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 216, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 216, 202); box-shadow:4px 4px 4px 4px rgb(189, 216, 202) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1948, 0.3026, 0.3457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 216, 202) }
```

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

```
.background{ background-color: rgb(189,  
216, 202) }
```

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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