

Converting Colors

$Yxy(65.7606, 0.2973, 0.3362)$

Have a look what the booklet for
Yxy(65.7606, 0.2973, 0.3362)
contains.

Yxy(65.8434, 0.2969, 0.3360)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(65.8434, 0.2969, 0.3360)

Conversions

Conversions Part 1

Format	Color
Hex	<code>BEDAD4</code>
RGB	190, 218, 212
RGB Percent	75%, 85%, 83%
CMY	0.2551, 0.1450, 0.1686
CMYK	0.13, 0.00, 0.03, 0.15
HSL	167°, 28%, 80%
HSV	167°, 13%, 85%
XYZ	58.1813, 65.8434, 71.9378
YIQ	208.9440, -14.7620, -7.8020

Conversions

Conversions Part 2

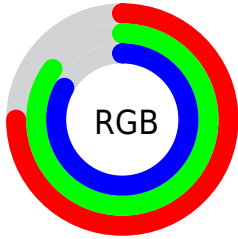
Format	Color
RYB	190, 206, 218
Decimal	12507860
CIELab	84.92, -10.45, -0.20
CIELCh	85, 10.447, 181.088
Yxy	65.8434, 0.2969, 0.3360
Android (android.graphics.Color)	4290697940 (0xFFBEDAD4)
YUV	208.9440, 1.5066, -16.6139
Hunter-Lab	81.1439, -14.0151, 4.2375

Details

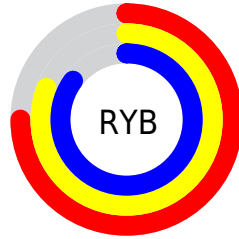
The Yxy color **65.8434, 0.2969, 0.3360** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.6952, 0.3313, 0.3221**, and the grayscale version is **63.7155, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **33.8629, 0.2931, 0.3383** is the 20% darker color. If you saturate the color by 10%, you get **63.0146, 0.2853, 0.3421**, and if you desaturate by 10%, it is **69.1043, 0.3091, 0.3305**.

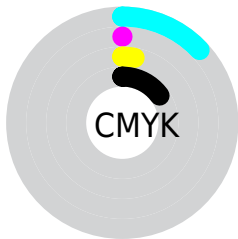
Distribution



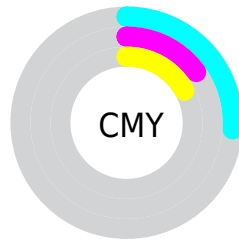
- Red (75%)
- Green (85%)
- Blue (83%)



- Red (75%)
- Yellow (81%)
- Blue (85%)



- Cyan (13%)
- Magenta (0%)
- Yellow (3%)
- Black (15%)




- Cyan (26%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.8434, 0.2969, 0.3360 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 65.8434, 0.2969, 0.3360 by changing the saturation by 10% instead.

 65.8434, 0.2969,
0.3360

 65.8434, 0.2969,
0.3360

445.8166, 0.3044,
0.3327

 48.1453, 0.2952,
0.3368


 113.2615, 0.2995,
0.3349

 33.9420, 0.2930,
0.3377


143.7504, 0.3005,
0.3344

 22.8490, 0.2902,
0.3389


179.2715, 0.3014,
0.3340

 14.4821, 0.2866,
0.3405

220.2095, 0.3021,
0.3337

 8.4567, 0.2815,
0.3428

266.9485, 0.3028,
0.3334

 4.3885, 0.2739,
0.3461

319.8732, 0.3034,

 1.8932, 0.2615,

0.3332

379.3677, 0.3039,
0.3329

0.3515

0.5443, 0.1856,
0.3852

0.0000, 0.0000,
0.0000

65.8434, 0.2969,
0.3360

65.8434, 0.2969,
0.3360

63.0146, 0.2853,
0.3421

69.1043, 0.3091,
0.3305

60.5911, 0.2746,
0.3486

72.8067, 0.3217,
0.3255


58.5556, 0.2652,
0.3556

76.9028, 0.3342,
0.3211

56.8863, 0.2572,
0.3630


77.1623, 0.3309,
0.3164

 55.5594, 0.2510,
0.3707


 77.4289, 0.3277,
0.3118


 54.5479, 0.2466,
0.3785

 77.7024, 0.3245,
0.3073

 53.8210, 0.2443,
0.3864

 77.9832, 0.3213,
0.3028

 53.3416, 0.2438,
0.3943

 78.2711, 0.3182,
0.2984

 53.1068, 0.2444,
0.3998

 78.5662, 0.3151,
0.2940

Harmonies

Analogous

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



65.8434, 0.3087, 0.3462



65.8434, 0.2969, 0.3360



65.8434, 0.2894, 0.3240

Triad

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



65.8434, 0.2969, 0.3360



65.8434, 0.3033, 0.3075



65.8434, 0.3381, 0.3436

Complementary

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



65.8434, 0.2969, 0.3360



55.6952, 0.3313, 0.3221

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.



65.8434, 0.3367, 0.3332



65.8434, 0.2969, 0.3360



65.8434, 0.3163, 0.3127

Square

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



65.8434, 0.2969, 0.3360



65.8434, 0.2930, 0.3078



65.8434, 0.3286, 0.3220



65.8434, 0.3326, 0.3505

Rectangle

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



65.8434, 0.2969, 0.3360



65.8434, 0.2877, 0.3168



65.8434, 0.3286, 0.3220



65.8434, 0.3384, 0.3404

Sweetspot

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



65.8462, 0.2969, 0.3360



97.9768, 0.3077, 0.3311



65.6067, 0.3155, 0.3623



20.8921, 0.3067, 0.3315



0.0000, 0.0000, 0.0000



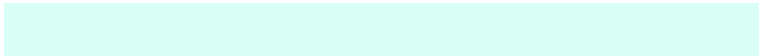
21.4041, 0.3127, 0.3290

Same Dimension

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



65.8462, 0.2969, 0.3360



92.9377, 0.2942, 0.3373



62.1279, 0.2929, 0.3196



14.7794, 0.3010, 0.3340



31.8273, 0.2441, 0.3986



2.0741, 0.2405, 0.3859

Inverse Universe

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



55.6952, 0.3313, 0.3221



76.1894, 0.3351, 0.3209



58.9659, 0.3349, 0.3382



13.0969, 0.3258, 0.3240



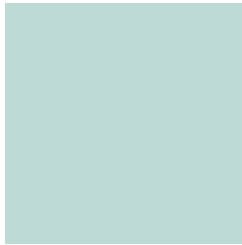
9.0640, 0.6027, 0.3094



0.6000, 0.5569, 0.2841

Previews

White Background



This preview shows how the Yxy color 65.8434, 0.2969, 0.3360 looks on a white background.

Color Contrast Check

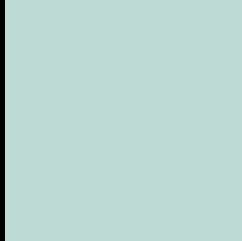
Large Text (above 18pt) WCAG AA × Fail

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 65.8434, 0.2969, 0.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

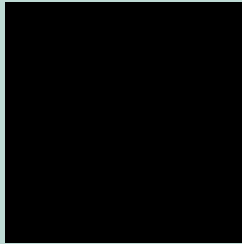
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

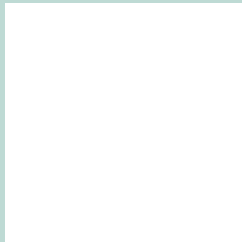
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.8434, 0.2969, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 65.8434, 0.2969, 0.3360.

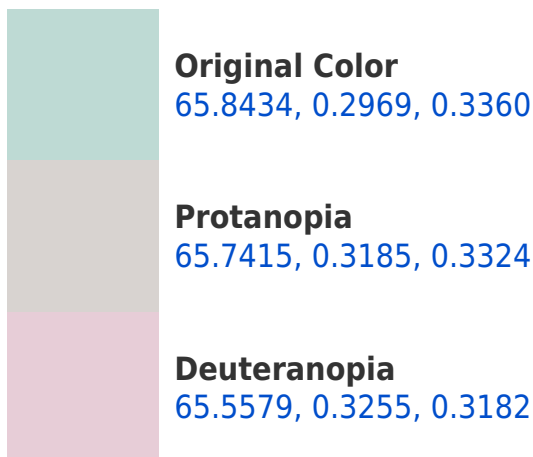


This preview shows how white text looks on a background with the Yxy color 65.8434, 0.2969, 0.3360.

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

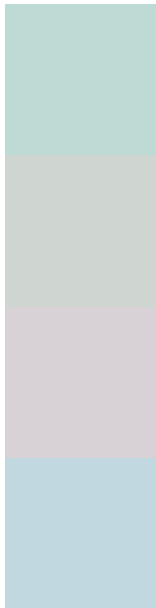




Tritanopia

65.8964, 0.2871, 0.3096

Trichromacy



Original Color

65.8434, 0.2969, 0.3360

Protanomaly

65.9620, 0.3110, 0.3347

Deuteranomaly

65.5472, 0.3144, 0.3245

Tritanomaly

65.8854, 0.2908, 0.3186

Monochromacy



Original Color

65.8434, 0.2969, 0.3360

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.2967, 0.3068, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8434, 0.2969, 0.3360 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(190, 218, 212)` looks like.

```
.text, #text, p{  
    color:rgb(190, 218, 212)  
}
```

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(190, 218, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 218, 212) }
```

Border

The CSS property to change the border of an element to Yxy 65.8434, 0.2969, 0.3360 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(190, 218, 212) }
```

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

```
.border{ border-color:rgb(190, 218, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 218, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 218, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 218, 212);  
box-shadow:4px 4px 4px 4px rgb(190, 218,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8434, 0.2969, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 218, 212) }
```

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

```
.background{ background-color: rgb(190,  
218, 212) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor