

Converting Colors

Yxy(67.1749, 0.2965, 0.3445)

Have a look what the booklet for
Yxy(67.1749, 0.2965, 0.3445)
contains.

Yxy(67.2851, 0.2962, 0.3443)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(67.2851, 0.2962, 0.3443)

Conversions

Conversions Part 1

Format	Color
Hex	BADED1
RGB	186, 222, 209
RGB Percent	73%, 87%, 82%
CMY	0.2705, 0.1294, 0.1804
CMYK	0.16, 0.00, 0.06, 0.13
HSL	158°, 35%, 80%
HSV	158°, 16%, 87%
XYZ	57.8851, 67.2851, 70.2556
YIQ	209.7540, -17.2830, -11.6750

Conversions

Conversions Part 2

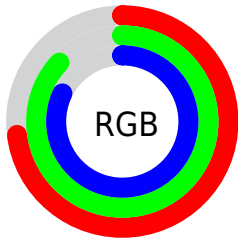
Format	Color
R _{YB}	186, 208, 222
Decimal	12246737
CIE Lab	85.65, -14.32, 2.43
CIE LCh	86, 14.523, 170.365
Yxy	67.2851, 0.2962, 0.3443
Android (android.graphics.Color)	4290436817 (0xFFBADED1)
YUV	209.7540, -0.3717, -20.8323
Hunter-Lab	82.0275, -17.5843, 6.6381

Details

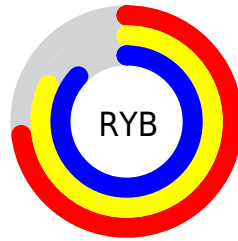
The Yxy color **67.2851, 0.2962, 0.3443** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.7866, 0.3327, 0.3142**, and the grayscale version is **64.2952, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **34.9095, 0.2914, 0.3478** is the 20% darker color. If you saturate the color by 10%, you get **64.3319, 0.2866, 0.3551**, and if you desaturate by 10%, it is **70.6959, 0.3063, 0.3345**.

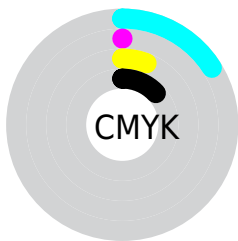
Distribution



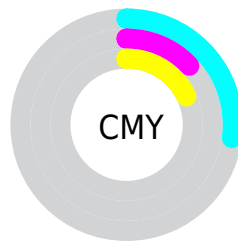
- Red (73%)
- Green (87%)
- Blue (82%)



- Red (73%)
- Yellow (82%)
- Blue (87%)



- Cyan (16%)
- Magenta (0%)
- Yellow (6%)
- Black (13%)





- Cyan (27%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.2851, 0.2962, 0.3443 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 67.2851, 0.2962, 0.3443 by changing the saturation by 10% instead.

 67.2851, 0.2962,
0.3443

 67.2851, 0.2962,
0.3443


450.9589, 0.3040,
0.3371

 49.3164, 0.2944,
0.3460


 115.3288, 0.2989,
0.3417

 34.8705, 0.2921,
0.3481


146.1726, 0.3000,
0.3408

 23.5631, 0.2892,
0.3509


182.0769, 0.3009,
0.3399

 15.0099, 0.2854,
0.3545


223.4260, 0.3017,
0.3392

 8.8263, 0.2800,
0.3596

270.6043, 0.3024,
0.3386

 4.6281, 0.2720,
0.3673

323.9963, 0.3030,

 2.0307, 0.2590,

0.3380

383.9864, 0.3035,
0.3375

0.3801

0.6252, 0.1772,
0.4528

0.0000, 0.0000,
0.0000

67.2851, 0.2962,
0.3443

67.2851, 0.2962,
0.3443

64.3319, 0.2866,
0.3551

70.6959, 0.3063,
0.3345

61.8077, 0.2779,
0.3668


74.5748, 0.3167,
0.3258


59.6935, 0.2703,
0.3793


78.9424, 0.3271,
0.3180

57.9658, 0.2642,
0.3926


79.8578, 0.3234,
0.3102


 56.5983, 0.2598,
0.4064


 80.3482, 0.3181,
0.3025

 55.5615, 0.2573,
0.4205

 80.7211, 0.3142,
0.2970

 54.8210, 0.2569,
0.4345

 54.3338, 0.2584,
0.4483

 54.1867, 0.2593,
0.4535

Harmonies

Analogous

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



67.2851, 0.3136, 0.3566



67.2851, 0.2962, 0.3443



67.2851, 0.2834, 0.3278

Triad

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



67.2851, 0.2962, 0.3443



67.2851, 0.2940, 0.2988



67.2851, 0.3483, 0.3442

Complementary

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



67.2851, 0.2962, 0.3443



54.7866, 0.3327, 0.3142

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.



67.2851, 0.3428, 0.3290



67.2851, 0.2962, 0.3443



67.2851, 0.3110, 0.3034

Square

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



67.2851, 0.2962, 0.3443



67.2851, 0.2822, 0.3019



67.2851, 0.3290, 0.3143



67.2851, 0.3440, 0.3559

Rectangle

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



67.2851, 0.2962, 0.3443



67.2851, 0.2791, 0.3171



67.2851, 0.3290, 0.3143



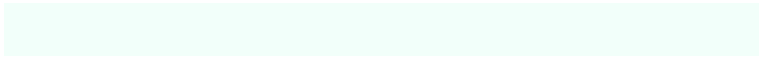
67.2851, 0.3476, 0.3393

Sweetspot

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



67.2879, 0.2962, 0.3443



97.3682, 0.3075, 0.3335



67.9601, 0.3201, 0.3712



20.7645, 0.3068, 0.3341



0.0000, 0.0000, 0.0000



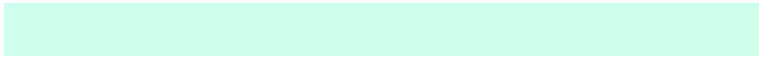
21.4041, 0.3127, 0.3290

Same Dimension

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



67.2879, 0.2962, 0.3443



90.8636, 0.2933, 0.3474



65.4473, 0.2881, 0.3233



15.4839, 0.3030, 0.3376



32.2087, 0.2587, 0.4515



2.2495, 0.2529, 0.4303

Inverse Universe

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



54.7866, 0.3327, 0.3142



71.0532, 0.3370, 0.3114



56.2631, 0.3425, 0.3346



13.7820, 0.3236, 0.3206



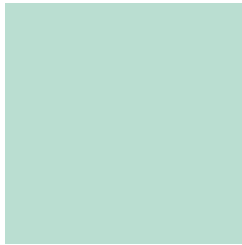
9.5899, 0.5524, 0.2817



0.6815, 0.5098, 0.2582

Previews

White Background



This preview shows how the Yxy color 67.2851, 0.2962, 0.3443 looks on a white background.

Color Contrast Check

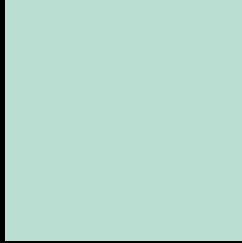
Large Text (above 18pt) WCAG AA × Fail

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 67.2851, 0.2962, 0.3443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

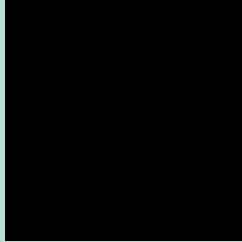
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

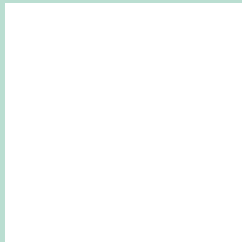
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.2851, 0.2962, 0.3443

Background



This preview shows how black text looks on a background with the Yxy color 67.2851, 0.2962, 0.3443.

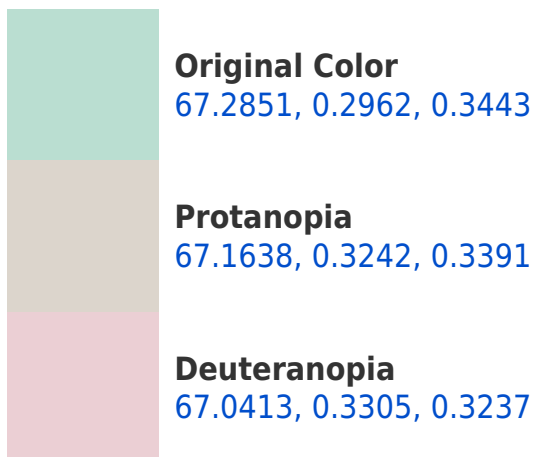


This preview shows how white text looks on a background with the Yxy color 67.2851, 0.2962, 0.3443.

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

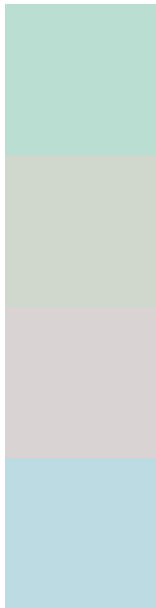




Tritanopia

67.2173, 0.2835, 0.3096

Trichromacy



Original Color

67.2851, 0.2962, 0.3443

Protanomaly

66.9779, 0.3136, 0.3404

Deuteranomaly

66.5418, 0.3171, 0.3301

Tritanomaly

66.9728, 0.2877, 0.3209

Monochromacy



Original Color

67.2851, 0.2962, 0.3443

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.1638, 0.3060, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2851, 0.2962, 0.3443 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(186, 222, 209)` looks like.

```
.text, #text, p{  
    color:rgb(186, 222, 209)  
}
```

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(186, 222, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 222, 209) }
```

Border

The CSS property to change the border of an element to Yxy 67.2851, 0.2962, 0.3443 is called "border". The border property can be set on classes, ids or directly on the HTML element.

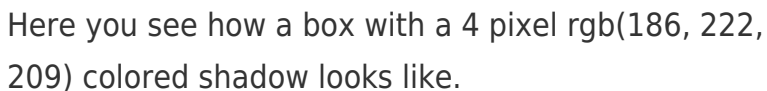
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 222, 209) }
```

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

```
.border{ border-color:rgb(186, 222, 209) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 222, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 222, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 222, 209);  
box-shadow:4px 4px 4px 4px rgb(186, 222,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2851, 0.2962, 0.3443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 222, 209) }
```

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

```
.background{ background-color: rgb(186,  
222, 209) }
```

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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