

Converting Colors

$Yxy(67.3909, 0.2942, 0.3401)$

Have a look what the booklet for
Yxy(67.3909, 0.2942, 0.3401)
contains.

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Color

Yxy(67.4351, 0.2943, 0.3407)

Conversions

Conversions Part 1

Format	Color
Hex	BADED4
RGB	186, 222, 212
RGB Percent	73%, 87%, 83%
CMY	0.2707, 0.1294, 0.1686
CMYK	0.16, 0.00, 0.05, 0.13
HSL	163°, 35%, 80%
HSV	163°, 16%, 87%
XYZ	58.2511, 67.4351, 72.2448
YIQ	210.0960, -18.2460, -10.7420

Conversions

Conversions Part 2

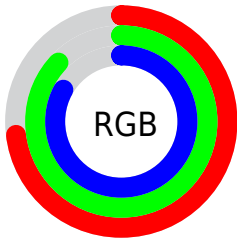
Format	Color
R _{YB}	186, 207, 222
Decimal	12246740
CIE Lab	85.72, -13.75, 0.95
CIE LCh	86, 13.785, 176.069
Yxy	67.4351, 0.2943, 0.3407
Android (android.graphics.Color)	4290436820 (0xFFBADED4)
YUV	210.0960, 0.9387, -21.1322
Hunter-Lab	82.1189, -17.0889, 5.3223

Details

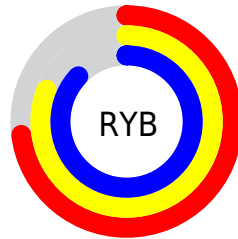
The Yxy color **67.4351, 0.2943, 0.3407** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.6214, 0.3352, 0.3176**, and the grayscale version is **64.5168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **34.9773, 0.2899, 0.3446** is the 20% darker color. If you saturate the color by 10%, you get **64.5657, 0.2837, 0.3489**, and if you desaturate by 10%, it is **70.7540, 0.3055, 0.3333**.

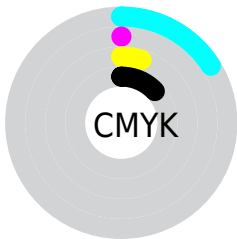
Distribution



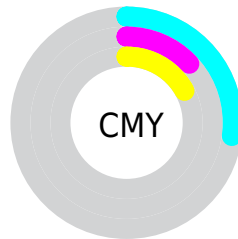
- Red (73%)
- Green (87%)
- Blue (83%)



- Red (73%)
- Yellow (81%)
- Blue (87%)



- Cyan (16%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)





- Cyan (27%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.4351, 0.2943, 0.3407 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 67.4351, 0.2943, 0.3407 by changing the saturation by 10% instead.

 67.4351, 0.2943,
0.3407

 67.4351, 0.2943,
0.3407

451.4919, 0.3030,
0.3352

 49.4383, 0.2923,
0.3420


 115.5436, 0.2973,
0.3388

 34.9673, 0.2898,
0.3436


146.4242, 0.2985,
0.3380

 23.6377, 0.2866,
0.3456


182.3681, 0.2995,
0.3374

 15.0651, 0.2824,
0.3484

223.7598, 0.3004,
0.3368

 8.8651, 0.2765,
0.3521

270.9836, 0.3011,
0.3363

 4.6533, 0.2678,
0.3578

324.4240, 0.3018,

 2.0453, 0.2538,

0.3359

0.3670

384.4653, 0.3024,
0.3355

■ 0.6336, 0.1749,
0.4158

■ 0.0000, 0.0000,
0.0000

■ 67.4351, 0.2943,
0.3407

■ 67.4351, 0.2943,
0.3407

■ 64.5657, 0.2837,
0.3489

■ 70.7540, 0.3055,
0.3333

■ 62.1172, 0.2741,
0.3577

■ 74.5326, 0.3171,
0.3266

■ 60.0710, 0.2657,
0.3671

■ 78.7913, 0.3289,
0.3206

■ 58.4034, 0.2588,
0.3771

■ 79.6012, 0.3264,
0.3146

■ 57.0886, 0.2537,
0.3874

■ 79.9665, 0.3223,
0.3086

■ 56.0970, 0.2506,
0.3979

■ 80.3442, 0.3182,
0.3027

■ 55.3945, 0.2494,
0.4084

■ 80.7278, 0.3142,
0.2970

■ 54.9382, 0.2502,
0.4188

■ 54.8020, 0.2508,
0.4227

Harmonies

Analogous

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



67.4351, 0.3103, 0.3534



67.4351, 0.2943, 0.3407



67.4351, 0.2834, 0.3249

Triad

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



67.4351, 0.2943, 0.3407



67.4351, 0.2977, 0.3006



67.4351, 0.3464, 0.3459

Complementary

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



67.4351, 0.2943, 0.3407



54.6214, 0.3352, 0.3176

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.



67.4351, 0.3429, 0.3319



67.4351, 0.2943, 0.3407



67.4351, 0.3145, 0.3062

Square

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



67.4351, 0.2943, 0.3407



67.4351, 0.2853, 0.3021



67.4351, 0.3311, 0.3175



67.4351, 0.3406, 0.3560

Rectangle

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



67.4351, 0.2943, 0.3407



67.4351, 0.2803, 0.3151



67.4351, 0.3311, 0.3175



67.4351, 0.3463, 0.3415

Sweetspot

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



67.4379, 0.2943, 0.3407



97.4359, 0.3069, 0.3324



67.5522, 0.3179, 0.3716



20.7810, 0.3061, 0.3329



0.0000, 0.0000, 0.0000



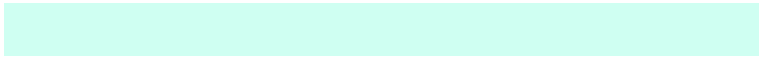
21.4041, 0.3127, 0.3290

Same Dimension

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



67.4379, 0.2943, 0.3407



91.1055, 0.2911, 0.3430



63.9055, 0.2879, 0.3198



15.5041, 0.3019, 0.3356



32.5678, 0.2503, 0.4212



2.2724, 0.2459, 0.4051

Inverse Universe

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



54.6214, 0.3352, 0.3176



70.8343, 0.3401, 0.3155



57.5612, 0.3420, 0.3381



13.7627, 0.3249, 0.3225



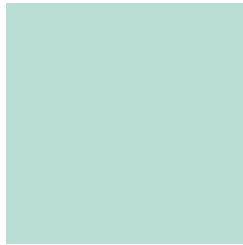
9.4442, 0.5833, 0.2987



0.6696, 0.5391, 0.2743

Previews

White Background



This preview shows how the Yxy color 67.4351, 0.2943, 0.3407 looks on a white background.

Color Contrast Check

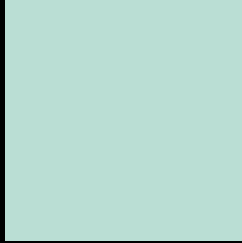
Large Text (above 18pt) WCAG AA × Fail

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 67.4351, 0.2943, 0.3407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

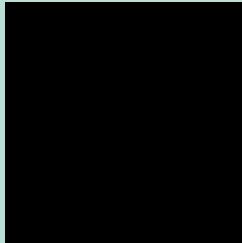
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

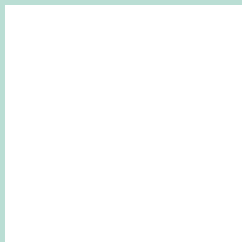
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.4351, 0.2943, 0.3407

Background



This preview shows how black text looks on a background with the Yxy color 67.4351, 0.2943, 0.3407.

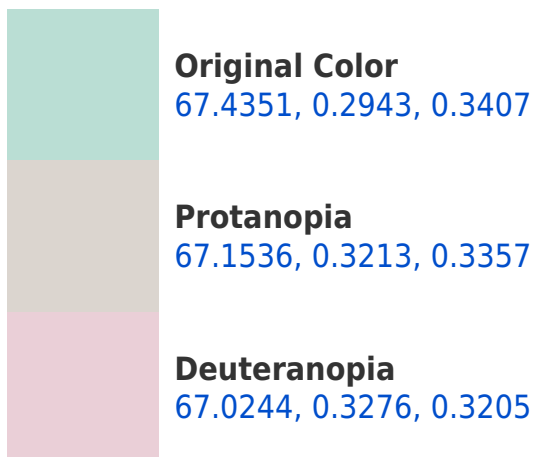


This preview shows how white text looks on a background with the Yxy color 67.4351, 0.2943, 0.3407.

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

67.1461, 0.2823, 0.3085

Trichromacy



Original Color

67.4351, 0.2943, 0.3407

Protanomaly

66.9806, 0.3109, 0.3370

Deuteranomaly

66.6937, 0.3150, 0.3268

Tritanomaly

67.0279, 0.2871, 0.3197

Monochromacy



Original Color

67.4351, 0.2943, 0.3407

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.2138, 0.3053, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4351, 0.2943, 0.3407 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(186, 222, 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(186, 222, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 222, 212) }
```

Border

The CSS property to change the border of an element to Yxy 67.4351, 0.2943, 0.3407 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, 212) }
```

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

```
.border{ border-color:rgb(186, 222, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 222, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 222, 212);  
box-shadow:4px 4px 4px 4px rgb(186, 222,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4351, 0.2943, 0.3407 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, 212) }
```

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

```
.background{ background-color: rgb(186,  
222, 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](#).

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