

Converting Colors

$Yxy(67.9377, 0.2847, 0.3197)$

Have a look what the booklet for
Yxy(67.9377, 0.2847, 0.3197)
contains.

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Color

Yxy(67.9348, 0.2847, 0.3197)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | BBDE5 |
| RGB | 187, 221, 229 |
| RGB Percent | 73%, 87%, 90% |
| CMY | 0.2666, 0.1333, 0.1019 |
| CMYK | 0.18, 0.04, 0.00, 0.10 |
| HSL | 191°, 45%, 82% |
| HSV | 191°, 18%, 90% |
| XYZ | 60.4975, 67.9348, 84.0632 |
| YIQ | 211.7460, -22.8320, -4.7200 |

Conversions

Conversions Part 2

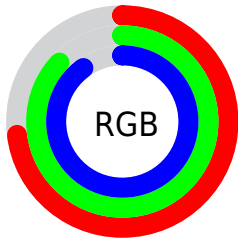
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 187, 206, 229 |
| Decimal | 12312037 |
| CIE Lab | 85.97, -9.44, -7.66 |
| CIE LCh | 86, 12.158, 219.046 |
| Yxy | 67.9348, 0.2847, 0.3197 |
| Android (android.graphics.Color) | 4290502117 (0xFFBBDDDE5) |
| YUV | 211.7460, 8.5062, -21.7022 |
| Hunter-Lab | 82.4226, -13.2220, -2.7744 |

Details

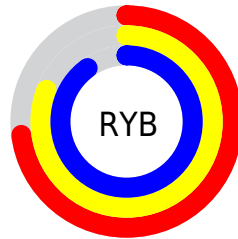
The Yxy color **67.9348, 0.2847, 0.3197** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.2956, 0.3468, 0.3381**, and the grayscale version is **65.6188, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **35.3150, 0.2776, 0.3167** is the 20% darker color. If you saturate the color by 10%, you get **62.9968, 0.2701, 0.3140**, and if you desaturate by 10%, it is **73.3991, 0.2999, 0.3250**.

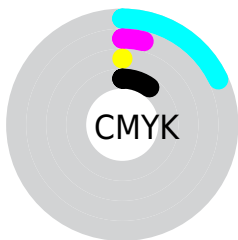
Distribution



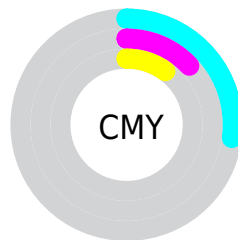
- Red (73%)
- Green (87%)
- Blue (90%)



- Red (73%)
- Yellow (81%)
- Blue (90%)



- Cyan (18%)
- Magenta (4%)
- Yellow (0%)
- Black (10%)



- Cyan (27%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.9348, 0.2847, 0.3197 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 67.9348, 0.2847, 0.3197 by changing the saturation by 10% instead.

■ 67.9348, 0.2847,
0.3197

■ 67.9348, 0.2847,
0.3197

453.2650, 0.2977,
0.3242

■ 49.8447, 0.2817,
0.3186

■ 116.2589, 0.2892,
0.3213

■ 35.2900, 0.2780,
0.3173

147.2616, 0.2910,
0.3219

■ 23.8864, 0.2733,
0.3155

183.3374, 0.2925,
0.3224

■ 15.2493, 0.2672,
0.3132

224.8705, 0.2938,
0.3229

■ 8.9946, 0.2588,
0.3098

272.2455, 0.2950,
0.3233

■ 4.7376, 0.2466,
0.3047

325.8466, 0.2960,

■ 2.0942, 0.2275,

0.3236

0.2961

386.0583, 0.2969,
0.3239

0.6613, 0.1697,
0.2820

0.0000, 0.0000,
0.0000

67.9348, 0.2847,
0.3197

67.9348, 0.2847,
0.3197

62.9968, 0.2701,
0.3140

73.3991, 0.2999,
0.3250

58.5546, 0.2564,
0.3079

79.4021, 0.3153,
0.3298

54.5868, 0.2440,
0.3014

85.8285, 0.3302,
0.3341

51.0674, 0.2330,
0.2946

88.3502, 0.3298,
0.3384

■ 47.9671, 0.2238,
0.2877

■ 90.9338, 0.3293,
0.3426

■ 45.2530, 0.2165,
0.2807

■ 93.5796, 0.3288,
0.3468

■ 42.8864, 0.2112,
0.2738

■ 96.2882, 0.3283,
0.3510

■ 40.8112, 0.2077,
0.2669

■ 98.4380, 0.3280,
0.3542

■ 40.4812, 0.2072,
0.2657

Harmonies

Analogous

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



67.9348, 0.2916, 0.3334



67.9348, 0.2847, 0.3197



67.9348, 0.2851, 0.3090

Triad

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



67.9348, 0.2847, 0.3197



67.9348, 0.3209, 0.3127



67.9348, 0.3328, 0.3548

Complementary

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



67.9348, 0.2847, 0.3197



59.2956, 0.3468, 0.3381

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.



67.9348, 0.3411, 0.3484



67.9348, 0.2847, 0.3197



67.9348, 0.3341, 0.3242

Square

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



67.9348, 0.2847, 0.3197



67.9348, 0.3057, 0.3054



67.9348, 0.3416, 0.3372



67.9348, 0.3192, 0.3541

Rectangle

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



67.9348, 0.2847, 0.3197



67.9348, 0.2894, 0.3049



67.9348, 0.3416, 0.3372



67.9348, 0.3363, 0.3534

Sweetspot

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



67.9376, 0.2847, 0.3197



95.3635, 0.3034, 0.3261



70.5419, 0.3056, 0.3695



20.3070, 0.3024, 0.3258



0.0000, 0.0000, 0.0000



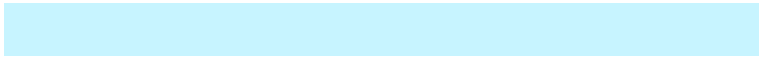
21.4041, 0.3127, 0.3290

Same Dimension

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



67.9376, 0.2847, 0.3197



84.2252, 0.2791, 0.3176



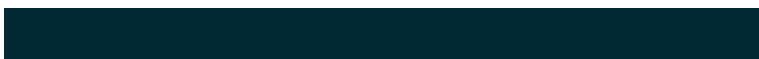
57.6813, 0.2834, 0.2952



15.8441, 0.2981, 0.3244



23.3104, 0.2075, 0.2668



1.8433, 0.2103, 0.2769

Inverse Universe

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



57.4298, 0.3210, 0.2919



68.6102, 0.3229, 0.2840



69.2160, 0.3427, 0.3607



14.5656, 0.3167, 0.3102



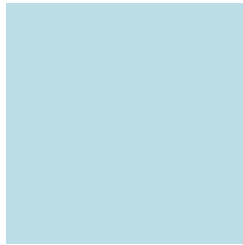
11.5509, 0.3758, 0.1844



0.8658, 0.3663, 0.1792

Previews

White Background



This preview shows how the Yxy color 67.9348, 0.2847, 0.3197 looks on a white background.

Color Contrast Check

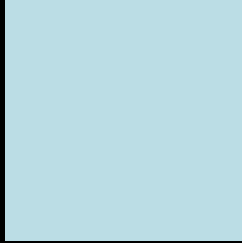
Large Text (above 18pt) WCAG AA × Fail

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 67.9348, 0.2847, 0.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

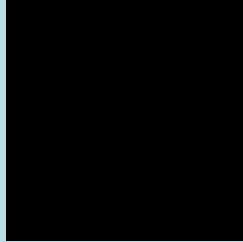
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

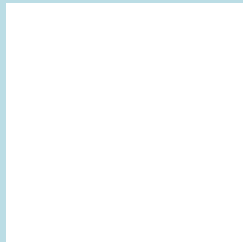
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.9348, 0.2847, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 67.9348, 0.2847, 0.3197.

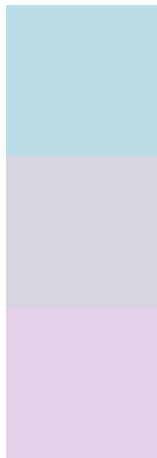


This preview shows how white text looks on a background with the Yxy color 67.9348, 0.2847, 0.3197.

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



Original Color

67.9348, 0.2847, 0.3197

Protanopia

67.4174, 0.3068, 0.3168

Deuteranopia

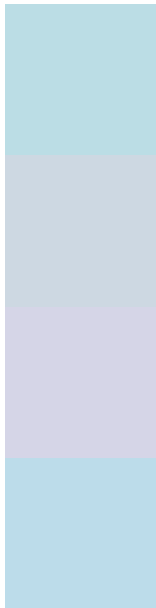
67.4319, 0.3110, 0.3034



Tritanopia

68.1196, 0.2812, 0.3096

Trichromacy



Original Color

67.9348, 0.2847, 0.3197

Protanomaly

67.5819, 0.2984, 0.3177

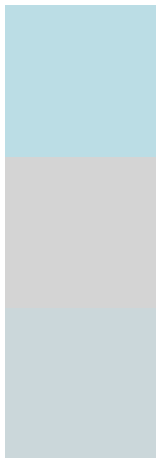
Deuteranomaly

67.5042, 0.3007, 0.3092

Tritanomaly

67.8183, 0.2823, 0.3129

Monochromacy



Original Color

67.9348, 0.2847, 0.3197

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.3593, 0.3021, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9348, 0.2847, 0.3197 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(187, 221, 229)` looks like.

```
.text, #text, p{  
    color:rgb(187, 221, 229)  
}
```

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(187, 221, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 221, 229) }
```

Border

The CSS property to change the border of an element to Yxy 67.9348, 0.2847, 0.3197 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(187, 221, 229) }
```

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

```
.border{ border-color:rgb(187, 221, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 221, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 221, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 221, 229); box-shadow:4px 4px 4px 4px rgb(187, 221, 229) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9348, 0.2847, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 221, 229) }
```

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

```
.background{ background-color: rgb(187,  
221, 229) }
```

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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