

Converting Colors

$Yxy(64.0113, 0.3045, 0.3455)$

Have a look what the booklet for
Yxy(64.0113, 0.3045, 0.3455)
contains.

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Color

Yxy(63.8943, 0.3047, 0.3457)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | BFD7C9 |
| RGB | 191, 215, 201 |
| RGB Percent | 75%, 84%, 79% |
| CMY | 0.2512, 0.1568, 0.2118 |
| CMYK | 0.11, 0.00, 0.07, 0.16 |
| HSL | 145°, 23%, 80% |
| HSV | 145°, 11%, 84% |
| XYZ | 56.3164, 63.8943, 64.6151 |
| YIQ | 206.2280, -9.8100, -9.4420 |

Conversions

Conversions Part 2

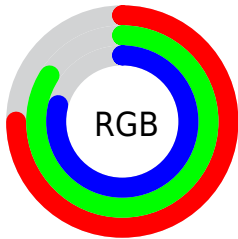
| Format | Color |
|-------------------------------------|---|
| RYB | 191, 208, 215 |
| Decimal | 12572617 |
| CIELab | 83.91, -10.70, 4.19 |
| CIELCh | 84, 11.487, 158.603 |
| Yxy | 63.8943, 0.3047, 0.3457 |
| Android (android.graphics.Color) | 4290762697 (0xFFBFD7C9) |
| YUV | 206.2280, -2.5774, -13.3550 |
| Hunter-Lab | 79.9339, -14.1244, 8.0263 |

Details

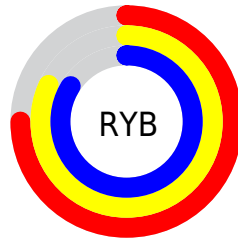
The Yxy color **63.8943, 0.3047, 0.3457** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0927, 0.3216, 0.3129**, and the grayscale version is **61.8916, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **32.5666, 0.3023, 0.3497** is the 20% darker color. If you saturate the color by 10%, you get **60.7461, 0.2977, 0.3625**, and if you desaturate by 10%, it is **67.5053, 0.3119, 0.3307**.

Distribution



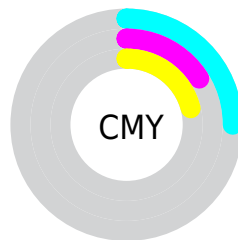
- Red (75%)
- Green (84%)
- Blue (79%)



- Red (75%)
- Yellow (82%)
- Blue (84%)



- Cyan (11%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)




- Cyan (25%)
- Magenta (16%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.8943, 0.3047, 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 63.8943, 0.3047, 0.3457 by changing the saturation by 10% instead.


 63.8943, 0.3047,
0.3457

 63.8943, 0.3047,
0.3457

438.8078, 0.3086,
0.3377

 46.5651, 0.3038,
0.3476

 110.4587, 0.3061,
0.3429

 32.6920, 0.3026,
0.3500


140.4627, 0.3066,
0.3418

 21.8906, 0.3011,
0.3531


175.4603, 0.3070,
0.3408

 13.7765, 0.2991,
0.3573

215.8360, 0.3074,
0.3400

 7.9654, 0.2963,
0.3632

261.9743, 0.3078,
0.3393

 4.0728, 0.2919,
0.3723

314.2594, 0.3081,

 1.7144, 0.2844,

0.3387

0.3880

373.0758, 0.3083,
0.3382

0.4329, 0.1975,
0.5683

0.0000, 0.0000,
0.0000

63.8943, 0.3047,
0.3457

63.8943, 0.3047,
0.3457

60.7461, 0.2977,
0.3625

67.5053, 0.3119,
0.3307

58.0335, 0.2912,
0.3811

71.5886, 0.3190,
0.3174

55.7391, 0.2853,
0.4014

76.0789, 0.3257,
0.3057

53.8410, 0.2805,
0.4230

76.8437, 0.3171,
0.2937

■ 52.3152, 0.2770,
0.4456

■ 77.0918, 0.3145,
0.2901

■ 51.1350, 0.2753,
0.4685

■ 50.2700, 0.2754,
0.4910

■ 49.6841, 0.2774,
0.5121

■ 49.3452, 0.2803,
0.5292

Harmonies

Analogous

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



63.8943, 0.3192, 0.3532



63.8943, 0.3047, 0.3457



63.8943, 0.2925, 0.3334

Triad

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



63.8943, 0.3047, 0.3457



63.8943, 0.2932, 0.3048



63.8943, 0.3405, 0.3367

Complementary

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



63.8943, 0.3047, 0.3457



56.0927, 0.3216, 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.



63.8943, 0.3332, 0.3242



63.8943, 0.3047, 0.3457



63.8943, 0.3057, 0.3061

Square

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



63.8943, 0.3047, 0.3457



63.8943, 0.2860, 0.3098



63.8943, 0.3204, 0.3132



63.8943, 0.3401, 0.3476

Rectangle

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



63.8943, 0.3047, 0.3457



63.8943, 0.2873, 0.3245



63.8943, 0.3204, 0.3132



63.8943, 0.3389, 0.3326

Sweetspot

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



63.8970, 0.3047, 0.3457



98.2940, 0.3105, 0.3333



65.3482, 0.3217, 0.3571



20.9437, 0.3100, 0.3345



0.0000, 0.0000, 0.0000



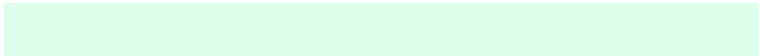
21.4041, 0.3127, 0.3290

Same Dimension

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



63.8970, 0.3047, 0.3457



93.0636, 0.3033, 0.3488



64.4853, 0.2969, 0.3313



13.9811, 0.3060, 0.3429



29.5278, 0.2796, 0.5264



1.7973, 0.2699, 0.4918

Inverse Universe

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



56.0927, 0.3216, 0.3129



79.7838, 0.3234, 0.3100



55.5341, 0.3310, 0.3267



12.5410, 0.3201, 0.3155



9.5527, 0.4602, 0.2309



0.5925, 0.4297, 0.2141

Previews

White Background



This preview shows how the Yxy color 63.8943, 0.3047, 0.3457 looks on a white background.

Color Contrast Check

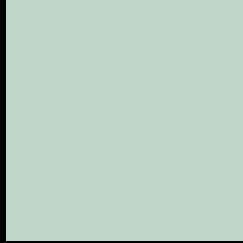
Large Text (above 18pt) WCAG AA × Fail

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 63.8943, 0.3047, 0.3457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

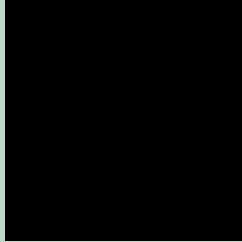
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

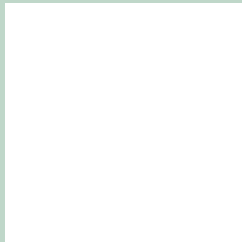
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.8943, 0.3047, 0.3457

Background



This preview shows how black text looks on a background with the Yxy color 63.8943, 0.3047, 0.3457.

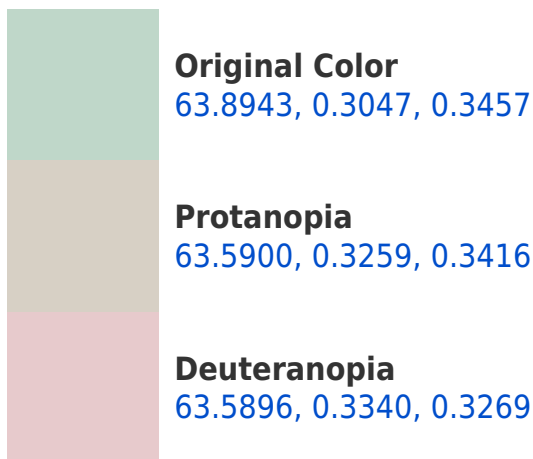


This preview shows how white text looks on a background with the Yxy color 63.8943, 0.3047, 0.3457.

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

63.7921, 0.2901, 0.3094

Trichromacy



Original Color

63.8943, 0.3047, 0.3457

Protanomaly

63.7876, 0.3180, 0.3441

Deuteranomaly

63.5364, 0.3224, 0.3336

Tritanomaly

63.6183, 0.2958, 0.3220

Monochromacy



Original Color

63.8943, 0.3047, 0.3457

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.3781, 0.3102, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8943, 0.3047, 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(191, 215, 201)` looks like.

```
.text, #text, p{  
    color:rgb(191, 215, 201)  
}
```

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(191, 215, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 215, 201) }
```

Border

The CSS property to change the border of an element to Yxy 63.8943, 0.3047, 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(191, 215, 201) }
```

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

```
.border{ border-color:rgb(191, 215, 201) }
```

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

Here you see how a box with a 4 pixel rgb(191, 215, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 215, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 215, 201);  
box-shadow:4px 4px 4px 4px rgb(191, 215,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8943, 0.3047, 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(191, 215, 201) }
```

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

```
.background{ background-color: rgb(191,  
215, 201) }
```

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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