

Converting Colors

Yxy(63.4843, 0.3088, 0.3177)

Have a look what the booklet for
Yxy(63.4843, 0.3088, 0.3177)
contains.

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Color

Yxy(63.4843, 0.3088, 0.3177)

Conversions

Conversions Part 1

Format	Color
Hex	D3CFD9
RGB	211, 207, 217
RGB Percent	83%, 81%, 85%
CMY	0.1724, 0.1882, 0.1491
CMYK	0.03, 0.05, 0.00, 0.15
HSL	264°, 12%, 83%
HSV	264°, 5%, 85%
XYZ	61.7059, 63.4843, 74.6345
YIQ	209.3360, -0.8260, 3.9580

Conversions

Conversions Part 2

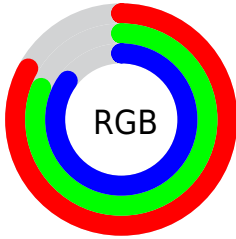
Format	Color
R _Y B	211, 207, 217
Decimal	13881305
CIE Lab	83.70, 3.22, -4.45
CIE LCh	84, 5.493, 305.866
Yxy	63.4843, 0.3088, 0.3177
Android (android.graphics.Color)	4292071385 (0xFFD3CFD9)
YUV	209.3360, 3.7784, 1.4593
Hunter-Lab	79.6770, -1.1955, 0.2362

Details

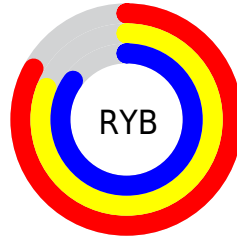
The Yxy color **63.4843, 0.3088, 0.3177** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.2602, 0.3165, 0.3403**, and the grayscale version is **63.9701, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.5592, 0.3084, 0.3156** is the 20% darker color. If you saturate the color by 10%, you get **51.8518, 0.2993, 0.2914**, and if you desaturate by 10%, it is **76.7207, 0.3170, 0.3416**.

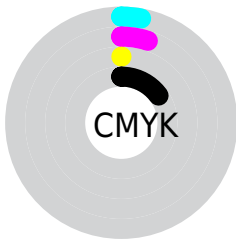
Distribution



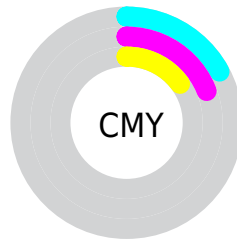
- Red (83%)
- Green (81%)
- Blue (85%)



- Red (83%)
- Yellow (81%)
- Blue (85%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (17%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.4843, 0.3088, 0.3177 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 63.4843, 0.3088, 0.3177 by changing the saturation by 10% instead.

■ 63.4843, 0.3088,
0.3177

■ 63.4843, 0.3088,
0.3177

437.3250, 0.3107,
0.3230

■ 46.2331, 0.3084,
0.3165

109.8679, 0.3095,
0.3196

■ 32.4298, 0.3078,
0.3149

139.7691, 0.3097,
0.3203

■ 21.6900, 0.3071,
0.3129

174.6558, 0.3099,
0.3209

■ 13.6293, 0.3061,
0.3103

214.9123, 0.3101,
0.3214

■ 7.8633, 0.3048,
0.3066

260.9231, 0.3103,
0.3219

■ 4.0076, 0.3027,
0.3012

313.0726, 0.3104,

■ 1.6778, 0.2992,

0.3223

0.2922

371.7451, 0.3106,
0.3227

0.4092, 0.2862,
0.2505

0.0000, 0.0000,
0.0000

63.4843, 0.3088,
0.3177

63.4843, 0.3088,
0.3177

51.8518, 0.2993,
0.2914

76.7207, 0.3170,
0.3416

41.7529, 0.2882,
0.2629

91.6114, 0.3238,
0.3630

33.1240, 0.2757,
0.2327

96.8202, 0.3318,
0.3665

25.8938, 0.2619,
0.2017

97.7889, 0.3352,
0.3661

■ 19.9852, 0.2471,
0.1711

■ 15.3131, 0.2317,
0.1425

■ 11.7821, 0.2166,
0.1175

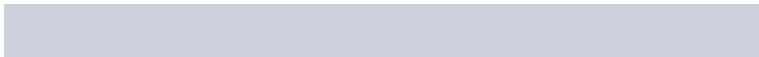
■ 9.2821, 0.2024,
0.0978

■ 7.6796, 0.1900,
0.0842

Harmonies

Analogous

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



63.4843, 0.3029, 0.3174



63.4843, 0.3088, 0.3177



63.4843, 0.3158, 0.3209

Triad

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



63.4843, 0.3088, 0.3177



63.4843, 0.3260, 0.3376



63.4843, 0.3035, 0.3318

Complementary

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



63.4843, 0.3088, 0.3177



68.2602, 0.3165, 0.3403

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.



63.4843, 0.3095, 0.3373



63.4843, 0.3088, 0.3177



63.4843, 0.3226, 0.3407

Square

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



63.4843, 0.3088, 0.3177



63.4843, 0.3258, 0.3323



63.4843, 0.3165, 0.3406



63.4843, 0.2998, 0.3255

Rectangle

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



63.4843, 0.3088, 0.3177



63.4843, 0.3202, 0.3243



63.4843, 0.3165, 0.3406



63.4843, 0.3053, 0.3338

Sweetspot

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



63.4870, 0.3088, 0.3177



98.0967, 0.3119, 0.3266



65.8568, 0.3057, 0.3245



21.0168, 0.3119, 0.3267



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.



63.4870, 0.3088, 0.3177



88.9353, 0.3075, 0.3140



64.2299, 0.3125, 0.3178



13.6238, 0.3070, 0.3126



4.3373, 0.1856, 0.0796



0.3304, 0.2041, 0.0898

Inverse Universe

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



64.1750, 0.3161, 0.3223



90.2318, 0.3172, 0.3202



67.5311, 0.3129, 0.3404



13.8424, 0.3176, 0.3194



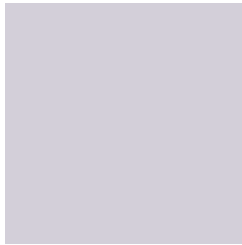
9.9158, 0.4549, 0.2280



0.6593, 0.4272, 0.2127

Previews

White Background



This preview shows how the Yxy color 63.4843, 0.3088, 0.3177 looks on a white background.

Color Contrast Check

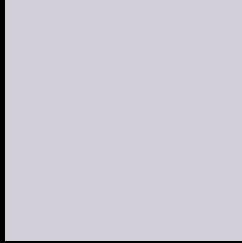
Large Text (above 18pt) WCAG AA × Fail

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 63.4843, 0.3088, 0.3177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

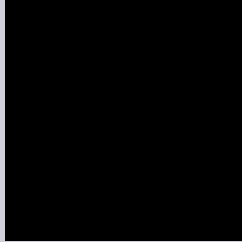
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

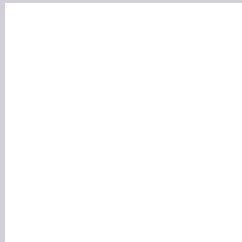
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.4843, 0.3088, 0.3177

Background



This preview shows how black text looks on a background with the Yxy color 63.4843, 0.3088, 0.3177.

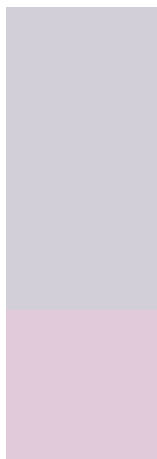


This preview shows how white text looks on a background with the Yxy color 63.4843, 0.3088, 0.3177.

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

63.4843, 0.3088, 0.3177

Protanopia

63.3370, 0.3080, 0.3177

Deuteranopia

63.3106, 0.3189, 0.3115



Tritanopia

63.4136, 0.3061, 0.3110

Trichromacy



Original Color

63.4843, 0.3088, 0.3177

Protanomaly

63.3370, 0.3080, 0.3177

Deuteranomaly

63.4633, 0.3150, 0.3135

Tritanomaly

63.3070, 0.3075, 0.3132

Monochromacy



Original Color

63.4843, 0.3088, 0.3177

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.5669, 0.3114, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4843, 0.3088, 0.3177 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(211, 207, 217) looks like.

```
.text, #text, p{  
    color:rgb(211, 207, 217)  
}
```

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(211, 207, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 207, 217) }
```

Border

The CSS property to change the border of an element to Yxy 63.4843, 0.3088, 0.3177 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(211, 207, 217) }
```

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

```
.border{ border-color:rgb(211, 207, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 207, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 207, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 207, 217);  
box-shadow:4px 4px 4px 4px rgb(211, 207,  
217) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 63.4843, 0.3088, 0.3177$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 207, 217) }
```

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

```
.background{ background-color: rgb(211,  
207, 217) }
```

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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