

Converting Colors

$Yxy(70.6548, 0.3122, 0.3449)$

Have a look what the booklet for
Yxy(70.6548, 0.3122, 0.3449)
contains.

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Color

Yxy(70.8847, 0.3126, 0.3459)

Conversions

Conversions Part 1

Format	Color
Hex	D1DFD0
RGB	209, 223, 208
RGB Percent	82%, 87%, 82%
CMY	0.1805, 0.1254, 0.1843
CMYK	0.06, 0.00, 0.07, 0.13
HSL	116°, 19%, 85%
HSV	116°, 7%, 87%
XYZ	64.0606, 70.8847, 69.9830
YIQ	217.1040, -3.5290, -7.6330

Conversions

Conversions Part 2

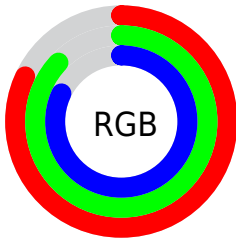
Format	Color
R _Y B	208, 223, 222
Decimal	13754320
CIE Lab	87.43, -7.43, 5.73
CIE LCh	87, 9.381, 142.385
Yxy	70.8847, 0.3126, 0.3459
Android (android.graphics.Color)	4291944400 (0xFFD1DFD0)
YUV	217.1040, -4.4883, -7.1072
Hunter-Lab	84.1931, -11.5212, 9.6521

Details

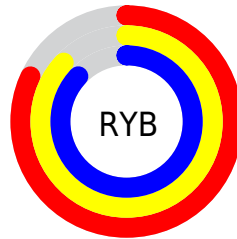
The Yxy color **70.8847, 0.3126, 0.3459** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.9810, 0.3128, 0.3126**, and the grayscale version is **69.4947, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3069, 0.3127, 0.3497** is the 20% darker color. If you saturate the color by 10%, you get **67.0188, 0.3123, 0.3738**, and if you desaturate by 10%, it is **75.3098, 0.3127, 0.3213**.

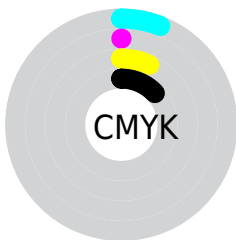
Distribution



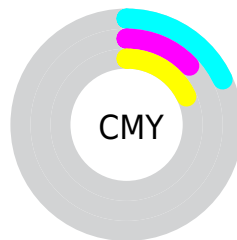
- Red (82%)
- Green (87%)
- Blue (82%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.8847, 0.3126, 0.3459 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 70.8847, 0.3126, 0.3459 by changing the saturation by 10% instead.

■ 70.8847, 0.3126,
0.3459

■ 70.8847, 0.3126,
0.3459

463.6503, 0.3127,
0.3380

■ 52.2481, 0.3126,
0.3478

120.4695, 0.3126,
0.3431

■ 37.2029, 0.3125,
0.3501

152.1866, 0.3127,
0.3420

■ 25.3646, 0.3124,
0.3530

189.0325, 0.3127,
0.3411

■ 16.3489, 0.3123,
0.3569

231.3918, 0.3127,
0.3403

■ 9.7714, 0.3122,
0.3624

279.6489, 0.3127,
0.3396

■ 5.2476, 0.3118,
0.3705

334.1880, 0.3127,

■ 2.3933, 0.3111,

0.3390

0.3837

395.3937, 0.3127,
0.3384

0.8224, 0.3130,
0.4288

0.0000, 0.0000,
0.0000

70.8847, 0.3126,
0.3459

70.8847, 0.3126,
0.3459

67.0188, 0.3123,
0.3738

75.3098, 0.3127,
0.3213

63.6813, 0.3117,
0.4050

80.3057, 0.3128,
0.2999

60.8520, 0.3109,
0.4388

81.2628, 0.3142,
0.2980

58.5058, 0.3098,
0.4741

■ 56.6159, 0.3084,
0.5090

■ 55.1523, 0.3067,
0.5411

■ 54.0819, 0.3049,
0.5676

■ 53.3664, 0.3031,
0.5865

■ 52.9595, 0.3014,
0.5969

Harmonies

Analogous

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



70.8847, 0.3238, 0.3490



70.8847, 0.3126, 0.3459



70.8847, 0.3016, 0.3380

Triad

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



70.8847, 0.3126, 0.3459



70.8847, 0.2936, 0.3115



70.8847, 0.3322, 0.3298

Complementary

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



70.8847, 0.3126, 0.3459



65.9810, 0.3128, 0.3126

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.



70.8847, 0.3238, 0.3202



70.8847, 0.3126, 0.3459



70.8847, 0.3015, 0.3097

Square

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



70.8847, 0.3126, 0.3459



70.8847, 0.2907, 0.3180



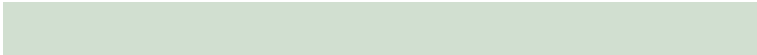
70.8847, 0.3125, 0.3129



70.8847, 0.3352, 0.3395

Rectangle

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



70.8847, 0.3126, 0.3459



70.8847, 0.2958, 0.3312



70.8847, 0.3125, 0.3129



70.8847, 0.3299, 0.3265

Sweetspot

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



70.8877, 0.3126, 0.3459



98.7818, 0.3127, 0.3339



72.4943, 0.3227, 0.3443



21.1561, 0.3127, 0.3337



0.0000, 0.0000, 0.0000



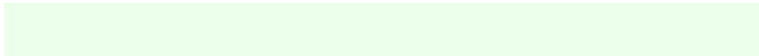
21.4041, 0.3127, 0.3290

Same Dimension

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



70.8877, 0.3126, 0.3459



95.3120, 0.3126, 0.3494



71.0747, 0.3077, 0.3385



15.3789, 0.3125, 0.3532



31.1041, 0.3014, 0.5988



2.1709, 0.3057, 0.5955

Inverse Universe

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



65.9810, 0.3128, 0.3126



87.4209, 0.3128, 0.3093



65.7892, 0.3180, 0.3197



13.8886, 0.3128, 0.3058



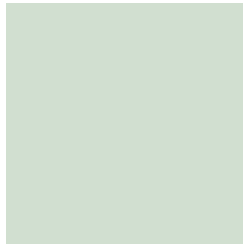
11.0976, 0.3050, 0.1454



0.7829, 0.3076, 0.1468

Previews

White Background



This preview shows how the Yxy color 70.8847, 0.3126, 0.3459 looks on a white background.

Color Contrast Check

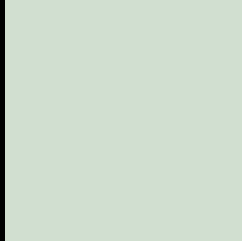
Large Text (above 18pt) WCAG AA × Fail

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 70.8847, 0.3126, 0.3459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

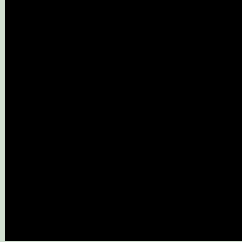
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

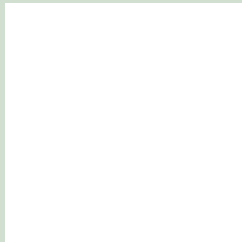
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.8847, 0.3126, 0.3459

Background



This preview shows how black text looks on a background with the Yxy color 70.8847, 0.3126, 0.3459.

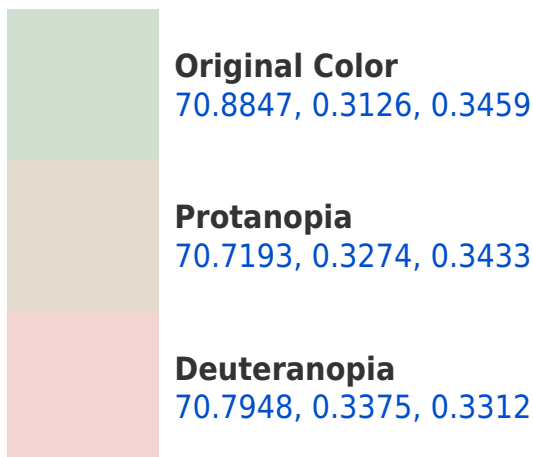


This preview shows how white text looks on a background with the Yxy color 70.8847, 0.3126, 0.3459.

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

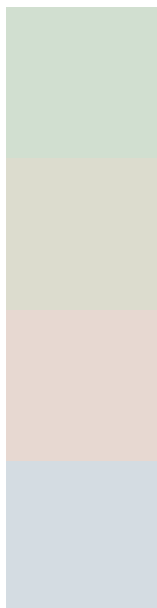




Tritanopia

70.8653, 0.2976, 0.3105

Trichromacy



Original Color

70.8847, 0.3126, 0.3459

Protanomaly

70.8583, 0.3221, 0.3445

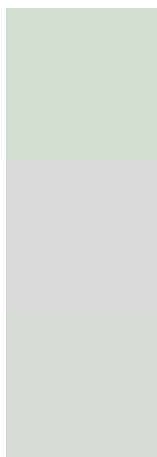
Deuteranomaly

70.7041, 0.3286, 0.3366

Tritanomaly

70.6744, 0.3032, 0.3224

Monochromacy



Original Color

70.8847, 0.3126, 0.3459

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

69.8142, 0.3125, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.8847, 0.3126, 0.3459 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(209, 223, 208)` looks like.

```
.text, #text, p{  
    color:rgb(209, 223, 208)  
}
```

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(209, 223, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 223, 208) }
```

Border

The CSS property to change the border of an element to Yxy 70.8847, 0.3126, 0.3459 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(209, 223, 208) }
```

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

```
.border{ border-color:rgb(209, 223, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 223, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 223, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 223, 208);  
box-shadow:4px 4px 4px 4px rgb(209, 223,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 70.8847, 0.3126, 0.3459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 223, 208) }
```

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

```
.background{ background-color: rgb(209,  
223, 208) }
```

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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