

Converting Colors

Yxy(69.1146, 0.3154, 0.3439)

Have a look what the booklet for
Yxy(69.1146, 0.3154, 0.3439)
contains.

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Color

Yxy(68.9682, 0.3156, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	D3DBCE
RGB	211, 219, 206
RGB Percent	83%, 86%, 81%
CMY	0.1727, 0.1411, 0.1922
CMYK	0.04, 0.00, 0.06, 0.14
HSL	97°, 15%, 83%
HSV	97°, 6%, 86%
XYZ	63.3295, 68.9682, 68.3662
YIQ	215.1260, -0.5950, -5.7390

Conversions

Conversions Part 2

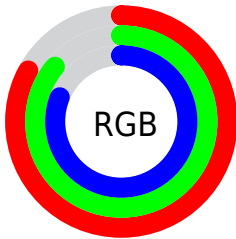
Format	Color
R _Y B	206, 219, 214
Decimal	13884366
CIE Lab	86.49, -5.05, 5.44
CIE LCh	86, 7.426, 132.855
Yxy	68.9682, 0.3156, 0.3437
Android (android.graphics.Color)	4292074446 (0xFFD3DBCE)
YUV	215.1260, -4.4991, -3.6185
Hunter-Lab	83.0471, -9.2130, 9.3241

Details

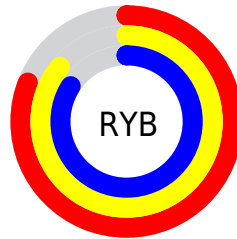
The Yxy color **68.9682, 0.3156, 0.3437** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.5608, 0.3097, 0.3144**, and the grayscale version is **68.0751, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.8858, 0.3156, 0.3469** is the 20% darker color. If you saturate the color by 10%, you get **66.0643, 0.3204, 0.3704**, and if you desaturate by 10%, it is **72.1948, 0.3108, 0.3195**.

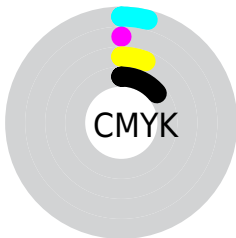
Distribution



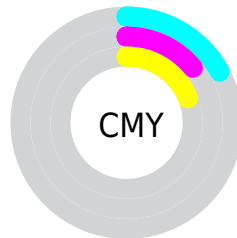
- Red (83%)
- Green (86%)
- Blue (81%)



- Red (81%)
- Yellow (86%)
- Blue (84%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (14%)



- Cyan (17%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.9682, 0.3156, 0.3437 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 68.9682, 0.3156, 0.3437 by changing the saturation by 10% instead.

■ 68.9682, 0.3156,
0.3437

■ 68.9682, 0.3156,
0.3437

456.9188, 0.3143,
0.3368

■ 50.6858, 0.3159,
0.3453

117.7362, 0.3151,
0.3413

■ 35.9586, 0.3163,
0.3473

148.9905, 0.3150,
0.3403

■ 24.4022, 0.3167,
0.3499

185.3376, 0.3148,
0.3395

■ 15.6323, 0.3173,
0.3534

227.1620, 0.3147,
0.3388

■ 9.2643, 0.3181,
0.3581

274.8478, 0.3146,
0.3382

■ 4.9140, 0.3192,
0.3653

328.7797, 0.3145,

■ 2.1969, 0.3209,

0.3377

389.3419, 0.3144,
0.3372

0.3770

0.7183, 0.3331,
0.4277

0.0000, 0.0000,
0.0000

68.9682, 0.3156,
0.3437

68.9682, 0.3156,
0.3437

66.0643, 0.3204,
0.3704

72.1948, 0.3108,
0.3195

63.4638, 0.3249,
0.3994

75.7448, 0.3060,
0.2978

61.1590, 0.3288,
0.4302

78.5074, 0.3120,
0.2938

59.1384, 0.3318,
0.4617

79.1503, 0.3144,
0.2940

■ 57.3895, 0.3336,
0.4928

■ 55.8991, 0.3337,
0.5217

■ 54.6524, 0.3321,
0.5466

■ 53.6329, 0.3286,
0.5660

■ 52.8208, 0.3235,
0.5790

Harmonies

Analogous

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



68.9682, 0.3241, 0.3448



68.9682, 0.3156, 0.3437



68.9682, 0.3065, 0.3385

Triad

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



68.9682, 0.3156, 0.3437



68.9682, 0.2962, 0.3163



68.9682, 0.3265, 0.3272

Complementary

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



68.9682, 0.3156, 0.3437



63.5608, 0.3097, 0.3144

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.



68.9682, 0.3189, 0.3198



68.9682, 0.3156, 0.3437



68.9682, 0.3014, 0.3135

Square

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



68.9682, 0.3156, 0.3437



68.9682, 0.2953, 0.3225



68.9682, 0.3096, 0.3149



68.9682, 0.3304, 0.3351

Rectangle

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



68.9682, 0.3156, 0.3437



68.9682, 0.3012, 0.3334



68.9682, 0.3096, 0.3149



68.9682, 0.3243, 0.3246

Sweetspot

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



68.9712, 0.3156, 0.3437



99.0829, 0.3137, 0.3339



67.6245, 0.3219, 0.3380



21.2175, 0.3136, 0.3336



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.



68.9712, 0.3156, 0.3437



96.8705, 0.3161, 0.3466



68.3226, 0.3110, 0.3421



14.9704, 0.3164, 0.3478



31.2070, 0.3224, 0.5822



2.0703, 0.3353, 0.5719

Inverse Universe

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



63.5608, 0.3097, 0.3144



87.8651, 0.3091, 0.3116



64.2407, 0.3145, 0.3162



13.4844, 0.3088, 0.3104



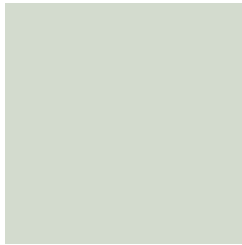
6.1690, 0.2276, 0.1027



0.4486, 0.2427, 0.1111

Previews

White Background



This preview shows how the Yxy color 68.9682, 0.3156, 0.3437 looks on a white background.

Color Contrast Check

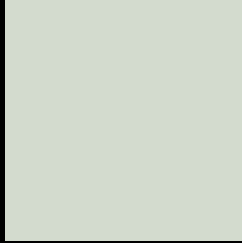
Large Text (above 18pt) WCAG AA × Fail

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 68.9682, 0.3156, 0.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

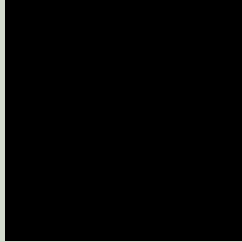
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

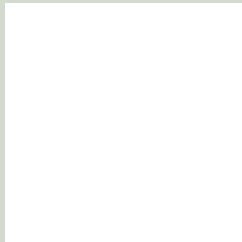
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.9682, 0.3156, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 68.9682, 0.3156, 0.3437.

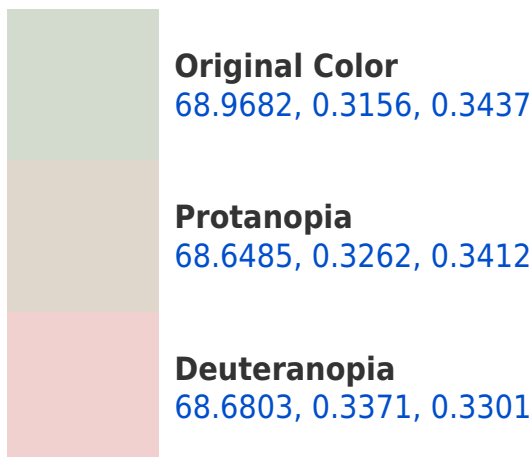


This preview shows how white text looks on a background with the Yxy color 68.9682, 0.3156, 0.3437.

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

68.8741, 0.3015, 0.3104

Trichromacy



Original Color

68.9682, 0.3156, 0.3437

Protanomaly

68.5796, 0.3224, 0.3413

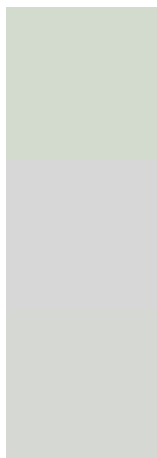
Deuteranomaly

68.7515, 0.3288, 0.3356

Tritanomaly

68.7356, 0.3066, 0.3212

Monochromacy



Original Color

68.9682, 0.3156, 0.3437

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.1613, 0.3140, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9682, 0.3156, 0.3437 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, 219, 206)` looks like.

```
.text, #text, p{  
    color:rgb(211, 219, 206)  
}
```

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, 219, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 219, 206) }
```

Border

The CSS property to change the border of an element to Yxy 68.9682, 0.3156, 0.3437 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, 219, 206) }
```

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

```
.border{ border-color:rgb(211, 219, 206) }
```

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

Here you see how a box with a 4 pixel rgb(211, 219, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 219, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 219, 206);  
box-shadow:4px 4px 4px 4px rgb(211, 219,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 68.9682, 0.3156, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 219, 206) }
```

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

```
.background{ background-color: rgb(211,  
219, 206) }
```

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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