

Converting Colors

$Yxy(70.1187, 0.3185, 0.3602)$

Have a look what the booklet for
Yxy(70.1187, 0.3185, 0.3602)
contains.

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Color

Yxy(69.8827, 0.3183, 0.3600)

Conversions

Conversions Part 1

Format	Color
Hex	CEDFC4
RGB	206, 223, 196
RGB Percent	81%, 87%, 77%
CMY	0.1925, 0.1254, 0.2314
CMYK	0.08, 0.00, 0.12, 0.13
HSL	98°, 30%, 82%
HSV	98°, 12%, 87%
XYZ	61.7880, 69.8827, 62.4480
YIQ	214.8390, -1.4650, -12.0010

Conversions

Conversions Part 2

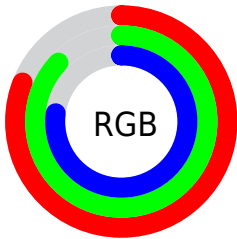
Format	Color
RYB	196, 223, 213
Decimal	13557700
CIELab	86.94, -10.57, 11.31
CIELCh	87, 15.480, 133.048
Yxy	69.8827, 0.3183, 0.3600
Android (android.graphics.Color)	4291747780 (0xFFCEDFC4)
YUV	214.8390, -9.2876, -7.7518
Hunter-Lab	83.5959, -14.3586, 14.2262

Details

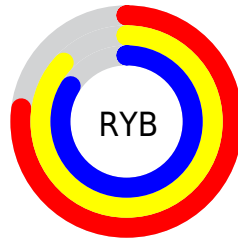
The Yxy color **69.8827, 0.3183, 0.3600** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58.9628, 0.3064, 0.2985**, and the grayscale version is **67.8986, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **36.6337, 0.3201, 0.3684** is the 20% darker color. If you saturate the color by 10%, you get **67.0162, 0.3227, 0.3883**, and if you desaturate by 10%, it is **73.0874, 0.3137, 0.3342**.

Distribution



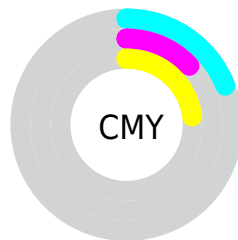
- Red (81%)
- Green (87%)
- Blue (77%)



- Red (77%)
- Yellow (87%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (12%)
- Black (13%)



- Cyan (19%)
- Magenta (13%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.8827, 0.3183, 0.3600 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 69.8827, 0.3183, 0.3600 by changing the saturation by 10% instead.

■ 69.8827, 0.3183,
0.3600

■ 69.8827, 0.3183,
0.3600

460.1380, 0.3158,
0.3453

■ 51.4309, 0.3188,
0.3635

119.0415, 0.3175,
0.3548

■ 36.5517, 0.3195,
0.3678

150.5172, 0.3171,
0.3528

■ 24.8606, 0.3203,
0.3734

187.1031, 0.3168,
0.3511

■ 15.9732, 0.3212,
0.3808

229.1835, 0.3166,
0.3496

■ 9.5052, 0.3225,
0.3912

277.1428, 0.3164,
0.3483

■ 5.0721, 0.3240,
0.4067

331.3654, 0.3162,

■ 2.2897, 0.3259,

0.3472

392.2357, 0.3160,
0.3462

0.4324

0.7682, 0.3672,
0.5974

0.0000, 0.0000,
0.0000

69.8827, 0.3183,
0.3600

69.8827, 0.3183,
0.3600

67.0162, 0.3227,
0.3883

73.0874, 0.3137,
0.3342

64.4675, 0.3266,
0.4186

76.6320, 0.3091,
0.3109

62.2275, 0.3298,
0.4502

80.0107, 0.3095,
0.2975

60.2832, 0.3319,
0.4819

81.2698, 0.3142,
0.2980

■ 58.6209, 0.3325,
0.5120

■ 57.2251, 0.3314,
0.5389

■ 56.0791, 0.3285,
0.5606

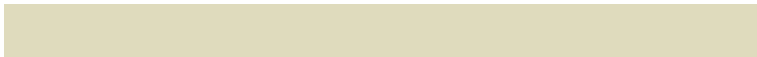
■ 55.1631, 0.3240,
0.5761

■ 54.5820, 0.3198,
0.5843

Harmonies

Analogous

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



69.8827, 0.3360, 0.3620



69.8827, 0.3183, 0.3600



69.8827, 0.2995, 0.3489

Triad

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



69.8827, 0.3183, 0.3600



69.8827, 0.2788, 0.3024



69.8827, 0.3415, 0.3250

Complementary

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



69.8827, 0.3183, 0.3600



58.9628, 0.3064, 0.2985

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.



69.8827, 0.3254, 0.3103



69.8827, 0.3183, 0.3600



69.8827, 0.2893, 0.2973

Square

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



69.8827, 0.3183, 0.3600



69.8827, 0.2771, 0.3150



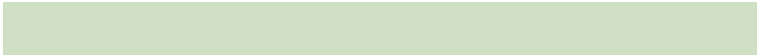
69.8827, 0.3063, 0.3002



69.8827, 0.3498, 0.3412

Rectangle

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



69.8827, 0.3183, 0.3600



69.8827, 0.2888, 0.3380



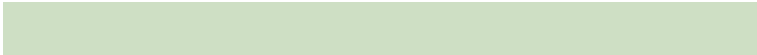
69.8827, 0.3063, 0.3002



69.8827, 0.3368, 0.3198

Sweetspot

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



69.8857, 0.3183, 0.3600



98.1572, 0.3146, 0.3389



67.0957, 0.3322, 0.3477



20.9373, 0.3149, 0.3408



0.0000, 0.0000, 0.0000



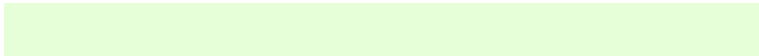
21.4041, 0.3127, 0.3290

Same Dimension

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



69.8857, 0.3183, 0.3600



93.4736, 0.3196, 0.3682



68.6539, 0.3092, 0.3569



15.5812, 0.3171, 0.3528



32.1434, 0.3208, 0.5835



2.2776, 0.3329, 0.5739

Inverse Universe

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



58.9628, 0.3064, 0.2985



75.4076, 0.3047, 0.2906



60.3268, 0.3164, 0.3026



13.6707, 0.3079, 0.3055



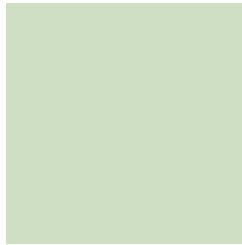
6.5308, 0.2308, 0.1045



0.5029, 0.2447, 0.1121

Previews

White Background



This preview shows how the Yxy color 69.8827, 0.3183, 0.3600 looks on a white background.

Color Contrast Check

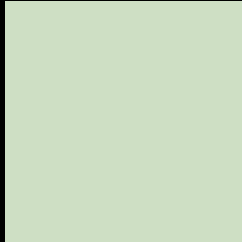
Large Text (above 18pt) WCAG AA × Fail

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 69.8827, 0.3183, 0.3600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

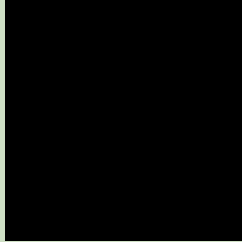
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

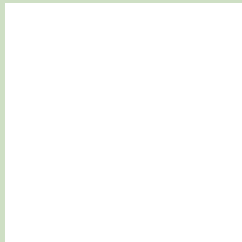
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.8827, 0.3183, 0.3600

Background



This preview shows how black text looks on a background with the Yxy color 69.8827, 0.3183, 0.3600.

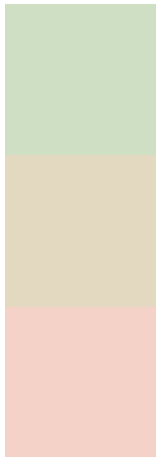


This preview shows how white text looks on a background with the Yxy color 69.8827, 0.3183, 0.3600.

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

69.8827, 0.3183, 0.3600

Protanopia

69.8069, 0.3367, 0.3555

Deuteranopia

69.6292, 0.3475, 0.3407



Tritanopia

69.6209, 0.2975, 0.3093

Trichromacy



Original Color

69.8827, 0.3183, 0.3600

Protanomaly

69.6181, 0.3297, 0.3570

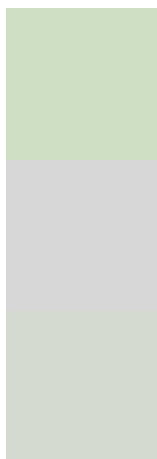
Deuteranomaly

69.6670, 0.3365, 0.3476

Tritanomaly

69.5851, 0.3050, 0.3268

Monochromacy



Original Color

69.8827, 0.3183, 0.3600

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.6939, 0.3151, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.8827, 0.3183, 0.3600 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(206, 223, 196)` looks like.

```
.text, #text, p{  
    color:rgb(206, 223, 196)  
}
```

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(206, 223, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 223, 196) }
```

Border

The CSS property to change the border of an element to Yxy 69.8827, 0.3183, 0.3600 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(206, 223, 196) }
```

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

```
.border{ border-color:rgb(206, 223, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 223, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 223, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 223, 196); box-shadow:4px 4px 4px 4px rgb(206, 223, 196) }
```


Background

The CSS property to change the background color of an element to Yxy 69.8827, 0.3183, 0.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 223, 196) }
```

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

```
.background{ background-color: rgb(206,  
223, 196) }
```

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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