

Converting Colors

$Yxy(67.9785, 0.3115, 0.3546)$

Have a look what the booklet for
Yxy(67.9785, 0.3115, 0.3546)
contains.

Yxy(67.9785, 0.3115, 0.3546)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.9785, 0.3115, 0.3546)

Conversions

Conversions Part 1

Format	Color
Hex	C7DDC7
RGB	199, 221, 199
RGB Percent	78%, 87%, 78%
CMY	0.2197, 0.1333, 0.2196
CMYK	0.10, 0.00, 0.10, 0.13
HSL	120°, 24%, 82%
HSV	120°, 10%, 87%
XYZ	59.7160, 67.9785, 64.0102
YIQ	211.9140, -6.0500, -11.5060

Conversions

Conversions Part 2

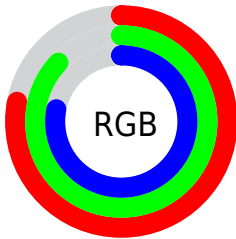
Format	Color
RYB	199, 221, 221
Decimal	13098439
CIELab	86.00, -11.40, 8.31
CIELCh	86, 14.105, 143.896
Yxy	67.9785, 0.3115, 0.3546
Android (android.graphics.Color)	4291288519 (0xFFC7DDC7)
YUV	211.9140, -6.3666, -11.3256
Hunter-Lab	82.4491, -15.0023, 11.6839

Details

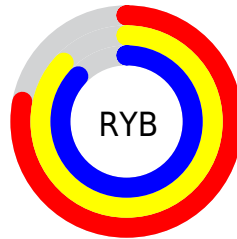
The Yxy color **67.9785, 0.3115, 0.3546** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.4338, 0.3139, 0.3047**, and the grayscale version is **65.8246, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.3365, 0.3112, 0.3614** is the 20% darker color. If you saturate the color by 10%, you get **64.2224, 0.3101, 0.3838**, and if you desaturate by 10%, it is **72.3282, 0.3127, 0.3289**.

Distribution



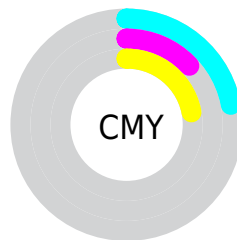
- Red (78%)
- Green (87%)
- Blue (78%)



- Red (78%)
- Yellow (87%)
- Blue (87%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (13%)



- Cyan (22%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.9785, 0.3115, 0.3546 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 67.9785, 0.3115, 0.3546 by changing the saturation by 10% instead.

■ 67.9785, 0.3115,
0.3546

■ 67.9785, 0.3115,
0.3546

453.4198, 0.3122,
0.3424

■ 49.8802, 0.3113,
0.3575

116.3214, 0.3118,
0.3503

■ 35.3183, 0.3111,
0.3611

147.3348, 0.3119,
0.3486

■ 23.9081, 0.3107,
0.3658

183.4221, 0.3119,
0.3472

■ 15.2655, 0.3103,
0.3720

224.9676, 0.3120,
0.3460

■ 9.0059, 0.3095,
0.3808

272.3557, 0.3120,
0.3449

■ 4.7450, 0.3082,
0.3941

325.9709, 0.3121,

■ 2.0985, 0.3056,

0.3440

0.4165

386.1974, 0.3121,
0.3431

0.6638, 0.3045,
0.5732

0.0000, 0.0000,
0.0000

67.9785, 0.3115,
0.3546

67.9785, 0.3115,
0.3546

64.2224, 0.3101,
0.3838

72.3282, 0.3127,
0.3289

61.0260, 0.3086,
0.4163

77.2866, 0.3138,
0.3066

58.3652, 0.3069,
0.4512

80.1973, 0.3143,
0.2960

56.2107, 0.3052,
0.4872

■ 54.5303, 0.3036,
0.5220

■ 53.2885, 0.3022,
0.5528

■ 52.4442, 0.3010,
0.5768

■ 51.9493, 0.3003,
0.5923

■ 51.7184, 0.3000,
0.5999

Harmonies

Analogous

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



67.9785, 0.3287, 0.3597



67.9785, 0.3115, 0.3546



67.9785, 0.2950, 0.3420

Triad

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



67.9785, 0.3115, 0.3546



67.9785, 0.2841, 0.3020



67.9785, 0.3429, 0.3308

Complementary

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



67.9785, 0.3115, 0.3546



61.4338, 0.3139, 0.3047

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.



67.9785, 0.3304, 0.3163



67.9785, 0.3115, 0.3546



67.9785, 0.2963, 0.2999

Square

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



67.9785, 0.3115, 0.3546



67.9785, 0.2794, 0.3113



67.9785, 0.3132, 0.3052



67.9785, 0.3472, 0.3453

Rectangle

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



67.9785, 0.3115, 0.3546



67.9785, 0.2865, 0.3314



67.9785, 0.3132, 0.3052



67.9785, 0.3395, 0.3258

Sweetspot

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



67.9814, 0.3115, 0.3546



98.0953, 0.3124, 0.3364



71.2136, 0.3275, 0.3534



20.8903, 0.3123, 0.3384



0.0000, 0.0000, 0.0000



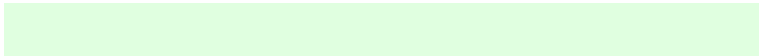
21.4041, 0.3127, 0.3290

Same Dimension

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



67.9814, 0.3115, 0.3546



92.8364, 0.3112, 0.3605



68.5105, 0.3044, 0.3416



14.6065, 0.3116, 0.3531



30.0411, 0.3000, 0.5999



1.9463, 0.2999, 0.5997

Inverse Universe

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



61.4338, 0.3139, 0.3047



82.0047, 0.3141, 0.2994



60.8670, 0.3219, 0.3167



13.2746, 0.3138, 0.3060



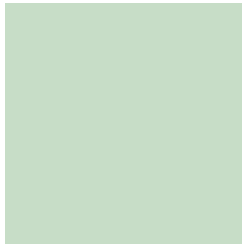
11.9561, 0.3212, 0.1543



0.7746, 0.3211, 0.1543

Previews

White Background



This preview shows how the Yxy color 67.9785, 0.3115, 0.3546 looks on a white background.

Color Contrast Check

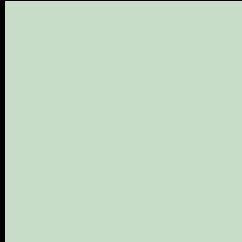
Large Text (above 18pt) WCAG AA × Fail

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 67.9785, 0.3115, 0.3546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

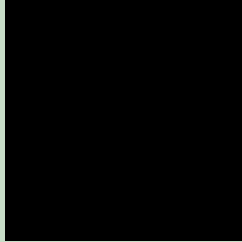
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

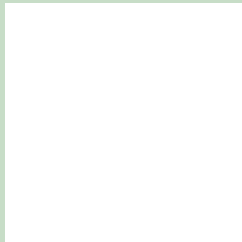
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.9785, 0.3115, 0.3546

Background



This preview shows how black text looks on a background with the Yxy color 67.9785, 0.3115, 0.3546.

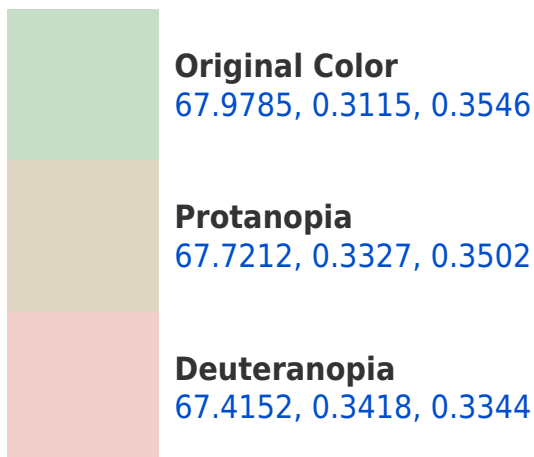


This preview shows how white text looks on a background with the Yxy color 67.9785, 0.3115, 0.3546.

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

67.9741, 0.2939, 0.3101

Trichromacy



Original Color

67.9785, 0.3115, 0.3546

Protanomaly

67.9074, 0.3248, 0.3529

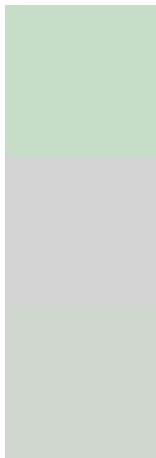
Deuteranomaly

67.3116, 0.3302, 0.3412

Tritanomaly

68.0598, 0.3002, 0.3256

Monochromacy



Original Color

67.9785, 0.3115, 0.3546

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.3713, 0.3123, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9785, 0.3115, 0.3546 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(199, 221, 199)` looks like.

```
.text, #text, p{  
    color:rgb(199, 221, 199)  
}
```

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(199, 221, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 221, 199) }
```

Border

The CSS property to change the border of an element to Yxy 67.9785, 0.3115, 0.3546 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(199, 221, 199) }
```

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

```
.border{ border-color:rgb(199, 221, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 221, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 221, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 221, 199);  
box-shadow:4px 4px 4px 4px rgb(199, 221,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9785, 0.3115, 0.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 221, 199) }
```

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

```
.background{ background-color: rgb(199,  
221, 199) }
```

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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