

Converting Colors

$Yxy(67.9930, 0.3247, 0.3891)$

Have a look what the booklet for
Yxy(67.9930, 0.3247, 0.3891)
contains.

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Color

Yxy(67.9694, 0.3247, 0.3885)

Conversions

Conversions Part 1

Format	Color
Hex	C3E0AE
RGB	195, 224, 174
RGB Percent	76%, 88%, 68%
CMY	0.2352, 0.1216, 0.3176
CMYK	0.13, 0.00, 0.22, 0.12
HSL	95°, 45%, 78%
HSV	95°, 22%, 88%
XYZ	56.8074, 67.9694, 50.1766
YIQ	209.6290, -1.2340, -21.6980

Conversions

Conversions Part 2

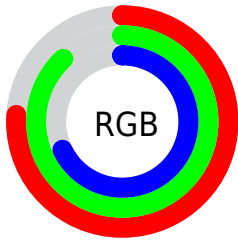
Format	Color
RYB	174, 224, 203
Decimal	12837038
CIELab	85.99, -18.45, 21.37
CIElCh	86, 28.226, 130.806
Yxy	67.9694, 0.3247, 0.3885
Android (android.graphics.Color)	4291027118 (0xFFC3E0AE)
YUV	209.6290, -17.5651, -12.8296
Hunter-Lab	82.4436, -21.2816, 21.6255

Details

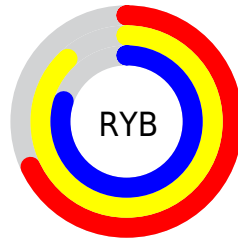
The Yxy color **67.9694, 0.3247, 0.3885** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **48.3543, 0.2979, 0.2707**, and the grayscale version is **64.3158, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9286, 0.3254, 0.3534**, and **35.4191, 0.3273, 0.4050** is the 20% darker color. If you saturate the color by 10%, you get **65.5149, 0.3295, 0.4184**, and if you desaturate by 10%, it is **70.7259, 0.3194, 0.3604**.

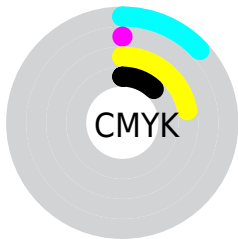
Distribution



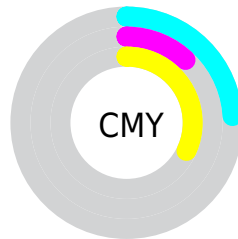
- Red (76%)
- Green (88%)
- Blue (68%)



- Red (68%)
- Yellow (88%)
- Blue (80%)



- Cyan (13%)
- Magenta (0%)
- Yellow (22%)
- Black (12%)





- Cyan (24%)
- Magenta (12%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.9694, 0.3247, 0.3885 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 67.9694, 0.3247, 0.3885 by changing the saturation by 10% instead.


 67.9694, 0.3247,
0.3885

 67.9694, 0.3247,
0.3885


453.3876, 0.3196,
0.3598

 49.8728, 0.3257,
0.3954


 116.3084, 0.3230,
0.3783

 35.3124, 0.3269,
0.4040

147.3196, 0.3223,
0.3744

 23.9036, 0.3283,
0.4152

183.4044, 0.3217,
0.3711

 15.2621, 0.3299,
0.4302

224.9474, 0.3212,
0.3682

 9.0036, 0.3315,
0.4513

272.3327, 0.3207,
0.3657

 4.7435, 0.3326,
0.4831

325.9450, 0.3203,

 2.0976, 0.3386,

0.3635

386.1685, 0.3199,
0.3615

0.5481

0.6633, 0.2136,
0.7864

0.0000, 0.0000,
0.0000

67.9694, 0.3247,
0.3885

67.9694, 0.3247,
0.3885

65.5149, 0.3295,
0.4184

70.7259, 0.3194,
0.3604

63.3425, 0.3335,
0.4494

73.7859, 0.3140,
0.3346

61.4433, 0.3363,
0.4803

77.1623, 0.3085,
0.3113

59.8047, 0.3376,
0.5096

80.2970, 0.3086,
0.2984

■ 58.4126, 0.3370,
0.5356

■ 81.7901, 0.3141,
0.2989

■ 57.2514, 0.3343,
0.5567

■ 56.3029, 0.3298,
0.5717

■ 55.6984, 0.3256,
0.5797

Harmonies

Analogous

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



67.9694, 0.3570, 0.3895



67.9694, 0.3247, 0.3885



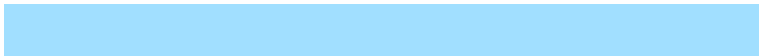
67.9694, 0.2904, 0.3686

Triad

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



67.9694, 0.3247, 0.3885



67.9694, 0.2508, 0.2813



67.9694, 0.3642, 0.3189

Complementary

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



67.9694, 0.3247, 0.3885



48.3543, 0.2979, 0.2707

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.



67.9694, 0.3331, 0.2937



67.9694, 0.3247, 0.3885



67.9694, 0.2681, 0.2721

Square

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



67.9694, 0.3247, 0.3885



67.9694, 0.2490, 0.3042



67.9694, 0.2978, 0.2769



67.9694, 0.3809, 0.3476

Rectangle

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



67.9694, 0.3247, 0.3885



67.9694, 0.2709, 0.3478



67.9694, 0.2978, 0.2769



67.9694, 0.3550, 0.3099

Sweetspot

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



67.9723, 0.3247, 0.3885



96.9935, 0.3166, 0.3465



61.3037, 0.3512, 0.3614



20.7072, 0.3169, 0.3481



0.0000, 0.0000, 0.0000



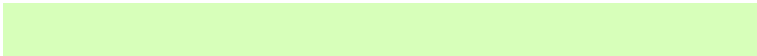
21.4041, 0.3127, 0.3290

Same Dimension

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



67.9723, 0.3247, 0.3885



89.5327, 0.3271, 0.4029



65.4987, 0.3077, 0.3870



15.6173, 0.3179, 0.3528



32.4856, 0.3267, 0.5788



2.3035, 0.3389, 0.5691

Inverse Universe

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



48.3543, 0.2979, 0.2707



58.5790, 0.2940, 0.2569



51.3276, 0.3180, 0.2772



13.6336, 0.3071, 0.3054



5.9565, 0.2190, 0.0980



0.4652, 0.2343, 0.1064

Previews

White Background



This preview shows how the Yxy color 67.9694, 0.3247, 0.3885 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 67.9694, 0.3247, 0.3885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

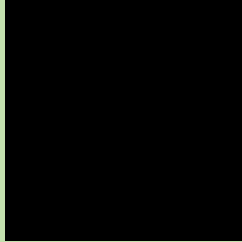
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

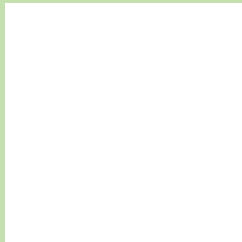
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.9694, 0.3247, 0.3885

Background



This preview shows how black text looks on a background with the Yxy color 67.9694, 0.3247, 0.3885.

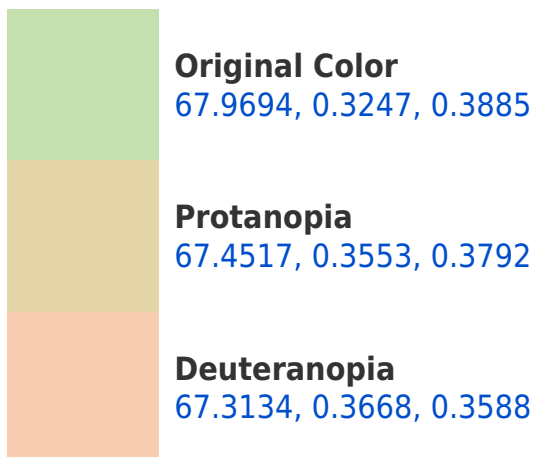


This preview shows how white text looks on a background with the Yxy color 67.9694, 0.3247, 0.3885.

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

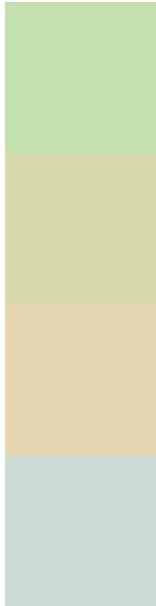




Tritanopia

67.8323, 0.2933, 0.3100

Trichromacy



Original Color

67.9694, 0.3247, 0.3885

Protanomaly

67.6820, 0.3435, 0.3828

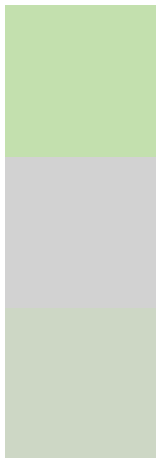
Deuteranomaly

67.4208, 0.3505, 0.3690

Tritanomaly

67.8340, 0.3046, 0.3370

Monochromacy



Original Color

67.9694, 0.3247, 0.3885

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.6112, 0.3176, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9694, 0.3247, 0.3885 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(195, 224, 174)` looks like.

```
.text, #text, p{  
    color:rgb(195, 224, 174)  
}
```

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(195, 224, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 224, 174) }
```

Border

The CSS property to change the border of an element to Yxy 67.9694, 0.3247, 0.3885 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(195, 224, 174) }
```

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

```
.border{ border-color:rgb(195, 224, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 224, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 224, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 224, 174);  
box-shadow:4px 4px 4px 4px rgb(195, 224,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9694, 0.3247, 0.3885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 224, 174) }
```

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

```
.background{ background-color: rgb(195,  
224, 174) }
```

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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