

Converting Colors

$Yxy(67.6723, 0.3214, 0.3741)$

Have a look what the booklet for
Yxy(67.6723, 0.3214, 0.3741)
contains.

Yxy(67.8454, 0.3213, 0.3737)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.8454, 0.3213, 0.3737)

Conversions

Conversions Part 1

Format	Color
Hex	C7DEB8
RGB	199, 222, 184
RGB Percent	78%, 87%, 72%
CMY	0.2195, 0.1294, 0.2784
CMYK	0.10, 0.00, 0.17, 0.13
HSL	96°, 37%, 80%
HSV	96°, 17%, 87%
XYZ	58.3322, 67.8454, 55.3729
YIQ	210.7910, -1.5100, -16.6940

Conversions

Conversions Part 2

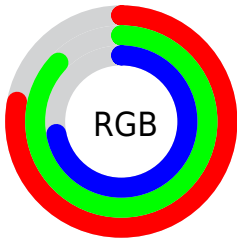
Format	Color
RYB	184, 222, 207
Decimal	13098680
CIELab	85.93, -14.44, 16.10
CIELCh	86, 21.629, 131.896
Yxy	67.8454, 0.3213, 0.3737
Android (android.graphics.Color)	4291288760 (0xFFC7DEB8)
YUV	210.7910, -13.2080, -10.3407
Hunter-Lab	82.3683, -17.7332, 17.7996

Details

The Yxy color **67.8454, 0.3213, 0.3737** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.8214, 0.3026, 0.2852**, and the grayscale version is **65.0906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **35.2959, 0.3230, 0.3853** is the 20% darker color. If you saturate the color by 10%, you get **65.2328, 0.3260, 0.4029**, and if you desaturate by 10%, it is **70.7719, 0.3163, 0.3467**.

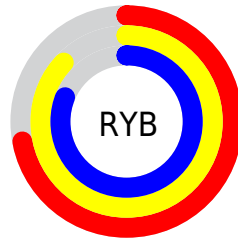
Distribution



Red (78%)

Green (87%)

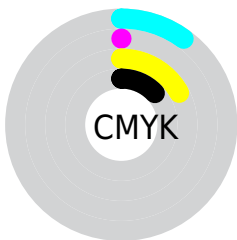
Blue (72%)



Red (72%)

Yellow (87%)

Blue (81%)

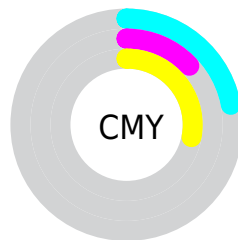


Cyan (10%)

Magenta (0%)

Yellow (17%)

Black (13%)



Cyan (22%)


Magenta (13%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.8454, 0.3213, 0.3737 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 67.8454, 0.3213, 0.3737 by changing the saturation by 10% instead.


 67.8454, 0.3213,
0.3737

 67.8454, 0.3213,
0.3737


452.9481, 0.3176,
0.3522

 49.7720, 0.3221,
0.3788


 116.1309, 0.3200,
0.3661

 35.2322, 0.3230,
0.3852


147.1119, 0.3195,
0.3632

 23.8418, 0.3242,
0.3935


183.1641, 0.3191,
0.3607

 15.2163, 0.3255,
0.4047

224.6719, 0.3187,
0.3585

 8.9714, 0.3271,
0.4204

272.0199, 0.3184,
0.3567

 4.7225, 0.3288,
0.4441


325.5923, 0.3181,

 2.0854, 0.3304,


0.3550

0.4848


385.7735, 0.3178,
0.3535


 0.6564, 0.2924,
0.7076

 0.0000, 0.0000,
0.0000


 67.8454, 0.3213,
0.3737


 67.8454, 0.3213,
0.3737

 65.2328, 0.3260,
0.4029


 70.7719, 0.3163,
0.3467


 62.9144, 0.3300,
0.4337

 74.0140, 0.3113,
0.3222

 60.8815, 0.3331,
0.4651

 77.5844, 0.3063,
0.3001

 59.1215, 0.3349,
0.4958

 80.2918, 0.3127,
0.2968

■ 57.6208, 0.3350,
0.5241

■ 80.7213, 0.3142,
0.2970

■ 56.3644, 0.3332,
0.5483

■ 55.3352, 0.3295,
0.5668

■ 54.5122, 0.3243,
0.5790

■ 54.3045, 0.3228,
0.5819

Harmonies

Analogous

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



67.8454, 0.3462, 0.3756



67.8454, 0.3213, 0.3737



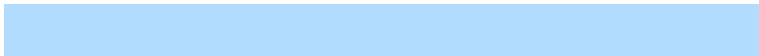
67.8454, 0.2949, 0.3582

Triad

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



67.8454, 0.3213, 0.3737



67.8454, 0.2650, 0.2920



67.8454, 0.3528, 0.3223

Complementary

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



67.8454, 0.3213, 0.3737



52.8214, 0.3026, 0.2852

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.



67.8454, 0.3295, 0.3022



67.8454, 0.3213, 0.3737



67.8454, 0.2790, 0.2848

Square

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



67.8454, 0.3213, 0.3737



67.8454, 0.2631, 0.3096



67.8454, 0.3024, 0.2887



67.8454, 0.3650, 0.3447

Rectangle

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



67.8454, 0.3213, 0.3737



67.8454, 0.2799, 0.3426



67.8454, 0.3024, 0.2887



67.8454, 0.3459, 0.3151

Sweetspot

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



67.8483, 0.3213, 0.3737



97.7729, 0.3153, 0.3414



63.5204, 0.3411, 0.3549



20.8623, 0.3156, 0.3432



0.0000, 0.0000, 0.0000



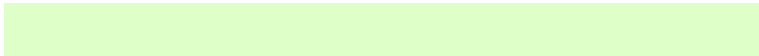
21.4041, 0.3127, 0.3290

Same Dimension

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



67.8483, 0.3213, 0.3737



91.3859, 0.3232, 0.3853



66.0555, 0.3081, 0.3704



15.6002, 0.3175, 0.3528



32.3168, 0.3238, 0.5811



2.2909, 0.3360, 0.5714

Inverse Universe

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



52.8214, 0.3026, 0.2852



66.6671, 0.2998, 0.2741



54.8867, 0.3176, 0.2908



13.6512, 0.3075, 0.3054



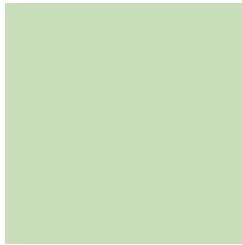
6.2208, 0.2245, 0.1010



0.4827, 0.2392, 0.1091

Previews

White Background



This preview shows how the Yxy color 67.8454, 0.3213, 0.3737 looks on a white background.

Color Contrast Check

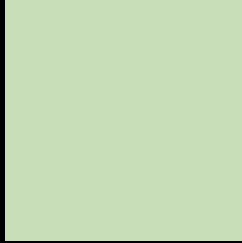
Large Text (above 18pt) WCAG AA × Fail

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 67.8454, 0.3213, 0.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

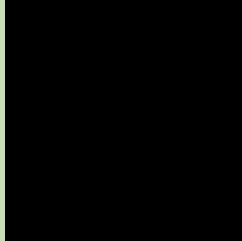
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

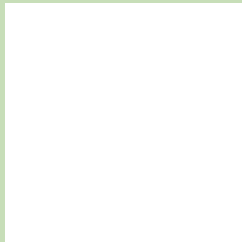
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.8454, 0.3213, 0.3737

Background



This preview shows how black text looks on a background with the Yxy color 67.8454, 0.3213, 0.3737.

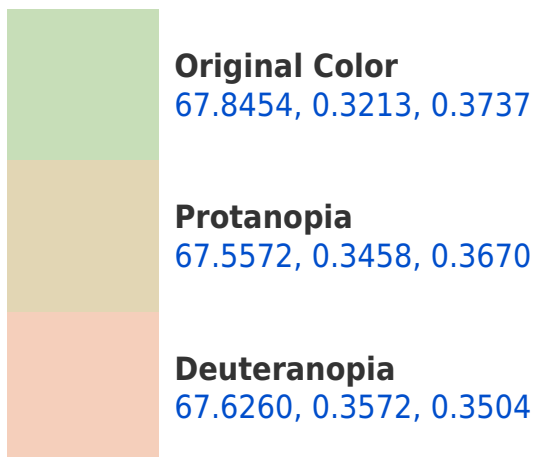


This preview shows how white text looks on a background with the Yxy color 67.8454, 0.3213, 0.3737.

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

67.5489, 0.2952, 0.3101

Trichromacy



Original Color

67.8454, 0.3213, 0.3737

Protanomaly

67.5608, 0.3367, 0.3701

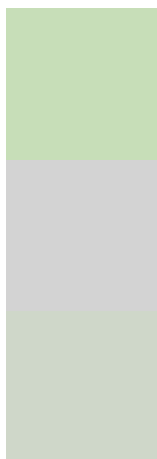
Deuteranomaly

67.1261, 0.3434, 0.3579

Tritanomaly

67.7456, 0.3040, 0.3324

Monochromacy



Original Color

67.8454, 0.3213, 0.3737

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

66.0833, 0.3164, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.8454, 0.3213, 0.3737 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, 222, 184)` looks like.

```
.text, #text, p{  
    color:rgb(199, 222, 184)  
}
```

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, 222, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 222, 184) }
```

Border

The CSS property to change the border of an element to Yxy 67.8454, 0.3213, 0.3737 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, 222, 184) }
```

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

```
.border{ border-color:rgb(199, 222, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 222, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 222, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 222, 184);  
box-shadow:4px 4px 4px 4px rgb(199, 222,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 67.8454, 0.3213, 0.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 222, 184) }
```

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

```
.background{ background-color: rgb(199,  
222, 184) }
```

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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