

Converting Colors

$Yxy(67.9037, 0.3422, 0.4325)$

Have a look what the booklet for
Yxy(67.9037, 0.3422, 0.4325)
contains.

Yxy(67.9376, 0.3420, 0.4322)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.9376, 0.3420, 0.4322)

Conversions

Conversions Part 1

Format	Color
Hex	BFE38D
RGB	191, 227, 141
RGB Percent	75%, 89%, 55%
CMY	0.2511, 0.1098, 0.4469
CMYK	0.16, 0.00, 0.38, 0.11
HSL	85°, 61%, 72%
HSV	85°, 38%, 89%
XYZ	53.7590, 67.9376, 35.4935
YIQ	206.4320, 6.1500, -34.3780

Conversions

Conversions Part 2

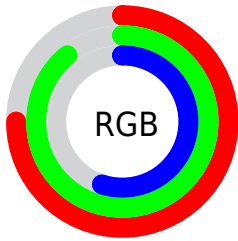
Format	Color
RYB	141, 227, 177
Decimal	12575629
CIELab	85.98, -26.05, 38.17
CIElCh	86, 46.216, 124.309
Yxy	67.9376, 0.3420, 0.4322
Android (android.graphics.Color)	4290765709 (0xFFBFE38D)
YUV	206.4320, -32.2580, -13.5339
Hunter-Lab	82.4243, -27.8206, 32.1655

Details

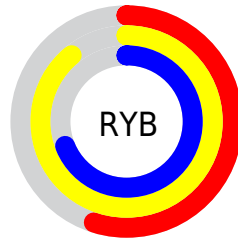
The Yxy color **67.9376, 0.3420, 0.4322** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **33.9646, 0.2723, 0.2226**, and the grayscale version is **62.2209, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4620, 0.3431, 0.3879**, and **35.4606, 0.3466, 0.4602** is the 20% darker color. If you saturate the color by 10%, you get **66.1385, 0.3480, 0.4611**, and if you desaturate by 10%, it is **69.9613, 0.3349, 0.4032**.

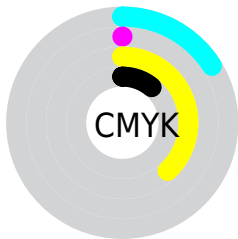
Distribution



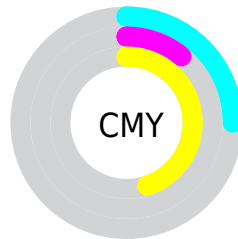
- Red (75%)
- Green (89%)
- Blue (55%)



- Red (55%)
- Yellow (89%)
- Blue (69%)



- Cyan (16%)
- Magenta (0%)
- Yellow (38%)
- Black (11%)





- Cyan (25%)
- Magenta (11%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.9376, 0.3420, 0.4322 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 67.9376, 0.3420, 0.4322 by changing the saturation by 10% instead.


 67.9376, 0.3420,
0.4322

 67.9376, 0.3420,
0.4322

453.2749, 0.3299,
0.3821

 49.8470, 0.3442,
0.4441


 116.2629, 0.3382,
0.4144

 35.2918, 0.3467,
0.4590


 147.2663, 0.3366,
0.4076

 23.8878, 0.3492,
0.4780


183.3428, 0.3352,
0.4018

 15.2504, 0.3515,
0.5031

224.8767, 0.3339,
0.3968

 8.9953, 0.3523,
0.5371

272.2525, 0.3327,
0.3924

 4.7381, 0.3520,
0.5904

325.8545, 0.3317,

 2.0944, 0.3364,

0.3885

0.6636

386.0672, 0.3308,
0.3851

0.6615, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

67.9376, 0.3420,
0.4322

67.9376, 0.3420,
0.4322

66.1385, 0.3480,
0.4611

69.9613, 0.3349,
0.4032

64.5452, 0.3525,
0.4886

72.2100, 0.3271,
0.3751


63.1494, 0.3550,
0.5135


74.6953, 0.3190,
0.3486


61.9390, 0.3551,
0.5342


77.4253, 0.3110,
0.3239


 60.8996, 0.3528,
0.5500

 80.4078, 0.3032,
0.3014

 60.0120, 0.3484,
0.5605

 82.1333, 0.3093,
0.3015

 59.8367, 0.3474,
0.5624

 83.4239, 0.3140,
0.3019

Harmonies

Analogous

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



67.9376, 0.3923, 0.4227



67.9376, 0.3420, 0.4322



67.9376, 0.2863, 0.4061

Triad

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



67.9376, 0.3420, 0.4322



67.9376, 0.2126, 0.2573



67.9376, 0.3876, 0.3023

Complementary

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



67.9376, 0.3420, 0.4322



33.9646, 0.2723, 0.2226

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.



67.9376, 0.3324, 0.2665



67.9376, 0.3420, 0.4322



67.9376, 0.2338, 0.2403

Square

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



67.9376, 0.3420, 0.4322



67.9376, 0.2146, 0.2966



67.9376, 0.2760, 0.2443



67.9376, 0.4218, 0.3456

Rectangle

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



67.9376, 0.3420, 0.4322



67.9376, 0.2538, 0.3720



67.9376, 0.2760, 0.2443



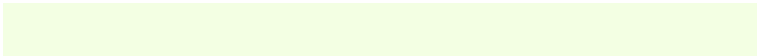
67.9376, 0.3705, 0.2892

Sweetspot

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



67.9406, 0.3420, 0.4322



96.1608, 0.3216, 0.3569



49.6461, 0.3898, 0.3708



20.4869, 0.3227, 0.3605



0.0000, 0.0000, 0.0000



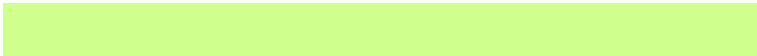
21.4041, 0.3127, 0.3290

Same Dimension

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



67.9406, 0.3420, 0.4322



86.6710, 0.3466, 0.4537



63.1831, 0.3119, 0.4425



16.5004, 0.3203, 0.3527



34.9634, 0.3484, 0.5616



2.6380, 0.3585, 0.5536

Inverse Universe

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



33.9646, 0.2723, 0.2226



36.7860, 0.2621, 0.1997



39.7997, 0.3105, 0.2338



14.1809, 0.3046, 0.3052



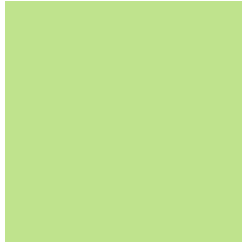
4.7236, 0.1879, 0.0809



0.4026, 0.2043, 0.0899

Previews

White Background



This preview shows how the Yxy color 67.9376, 0.3420, 0.4322 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 67.9376, 0.3420, 0.4322 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 67.9376, 0.3420, 0.4322

Background



This preview shows how black text looks on a background with the Yxy color 67.9376, 0.3420, 0.4322.

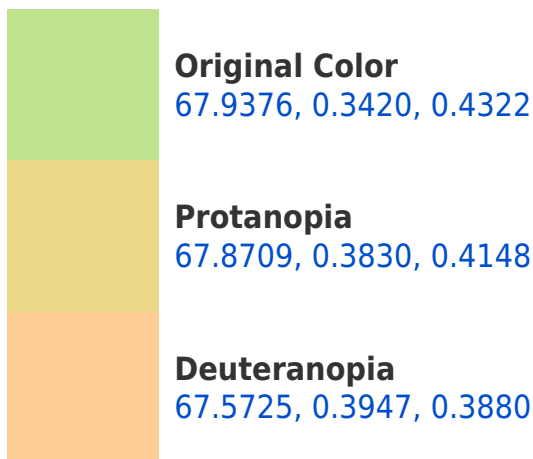


This preview shows how white text looks on a background with the Yxy color 67.9376, 0.3420, 0.4322.

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

67.9376, 0.3420, 0.4322

Protanomaly

67.4034, 0.3673, 0.4208

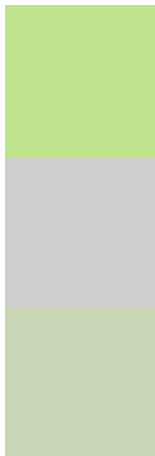
Deuteranomaly

67.3243, 0.3749, 0.4038

Tritanomaly

67.4986, 0.3109, 0.3523

Monochromacy



Original Color

67.9376, 0.3420, 0.4322

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

63.8880, 0.3250, 0.3670

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9376, 0.3420, 0.4322 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(191, 227, 141)` looks like.

```
.text, #text, p{  
    color:rgb(191, 227, 141)  
}
```

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(191, 227, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 227, 141) }
```

Border

The CSS property to change the border of an element to Yxy 67.9376, 0.3420, 0.4322 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(191, 227, 141) }
```

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

```
.border{ border-color:rgb(191, 227, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 227, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 227, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 227, 141);  
box-shadow:4px 4px 4px 4px rgb(191, 227,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9376, 0.3420, 0.4322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 227, 141) }
```

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

```
.background{ background-color: rgb(191,  
227, 141) }
```

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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