

Converting Colors

Yxy(67.4631, 0.3216, 0.3592)

Have a look what the booklet for
Yxy(67.4631, 0.3216, 0.3592)
contains.

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Color

Yxy(67.7342, 0.3221, 0.3602)

Conversions

Conversions Part 1

Format	Color
Hex	CFDBC0
RGB	207, 219, 192
RGB Percent	81%, 86%, 75%
CMY	0.1884, 0.1411, 0.2471
CMYK	0.06, 0.00, 0.12, 0.14
HSL	87°, 27%, 81%
HSV	87°, 12%, 86%
XYZ	60.5696, 67.7342, 59.7422
YIQ	212.3340, 1.5150, -10.9410

Conversions

Conversions Part 2

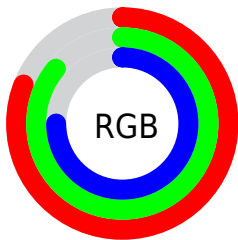
Format	Color
RYB	192, 219, 204
Decimal	13622208
CIELab	85.87, -8.84, 11.91
CIELCh	86, 14.831, 126.578
Yxy	67.7342, 0.3221, 0.3602
Android (android.graphics.Color)	4291812288 (0xFFCFDBC0)
YUV	212.3340, -10.0247, -4.6779
Hunter-Lab	82.3008, -12.6585, 14.5719

Details

The Yxy color **67.7342, 0.3221, 0.3602** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55.6513, 0.3024, 0.2976**, and the grayscale version is **66.1371, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **35.1873, 0.3242, 0.3671** is the 20% darker color. If you saturate the color by 10%, you get **65.4746, 0.3296, 0.3876**, and if you desaturate by 10%, it is **70.2311, 0.3145, 0.3347**.

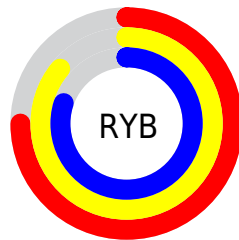
Distribution



Red (81%)

Green (86%)

Blue (75%)



Red (75%)

Yellow (86%)

Blue (80%)

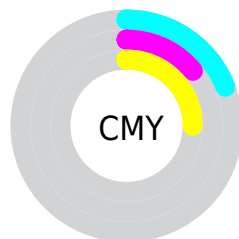


Cyan (6%)

Magenta (0%)

Yellow (12%)

Black (14%)



Cyan (19%)

Magenta (14%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.7342, 0.3221, 0.3602 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 67.7342, 0.3221, 0.3602 by changing the saturation by 10% instead.


 67.7342, 0.3221,
0.3602

 67.7342, 0.3221,
0.3602

452.5537, 0.3178,
0.3453

 49.6815, 0.3231,
0.3637


 115.9718, 0.3206,
0.3550

 35.1604, 0.3242,
0.3681


146.9255, 0.3201,
0.3529

 23.7865, 0.3257,
0.3738


182.9484, 0.3196,
0.3512

 15.1753, 0.3276,
0.3813

224.4248, 0.3191,
0.3497

 8.9425, 0.3301,
0.3920

271.7392, 0.3187,
0.3484

 4.7037, 0.3335,
0.4079

325.2758, 0.3184,

 2.0745, 0.3382,

0.3473

0.4344

385.4192, 0.3181,
0.3462

0.6502, 0.3822,
0.6178

0.0000, 0.0000,
0.0000

67.7342, 0.3221,
0.3602

67.7342, 0.3221,
0.3602

65.4746, 0.3296,
0.3876

70.2311, 0.3145,
0.3347

63.4356, 0.3367,
0.4163

72.9640, 0.3070,
0.3113

61.6117, 0.3429,
0.4457

75.7683, 0.3015,
0.2926

59.9938, 0.3479,
0.4745

77.4879, 0.3081,
0.2933

■ 58.5721, 0.3511,
0.5015

■ 79.1513, 0.3144,
0.2940

■ 57.3357, 0.3522,
0.5251

■ 56.2722, 0.3509,
0.5442

■ 55.3672, 0.3474,
0.5580

■ 54.7639, 0.3435,
0.5654

Harmonies

Analogous

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



67.7342, 0.3384, 0.3601



67.7342, 0.3221, 0.3602



67.7342, 0.3037, 0.3512

Triad

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



67.7342, 0.3221, 0.3602



67.7342, 0.2787, 0.3054



67.7342, 0.3378, 0.3219

Complementary

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



67.7342, 0.3221, 0.3602



55.6513, 0.3024, 0.2976

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.



67.7342, 0.3211, 0.3083



67.7342, 0.3221, 0.3602



67.7342, 0.2872, 0.2987

Square

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



67.7342, 0.3221, 0.3602



67.7342, 0.2790, 0.3188



67.7342, 0.3026, 0.2999



67.7342, 0.3477, 0.3376

Rectangle

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



67.7342, 0.3221, 0.3602



67.7342, 0.2927, 0.3413



67.7342, 0.3026, 0.2999



67.7342, 0.3327, 0.3169

Sweetspot

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



67.7371, 0.3221, 0.3602



98.5081, 0.3158, 0.3389



61.9107, 0.3333, 0.3424



21.0261, 0.3164, 0.3407



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.



67.7371, 0.3221, 0.3602



94.6850, 0.3242, 0.3677



65.9179, 0.3125, 0.3611



14.9602, 0.3199, 0.3526



32.5330, 0.3446, 0.5646



2.1585, 0.3563, 0.5553

Inverse Universe

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



55.6513, 0.3024, 0.2976



74.1757, 0.2998, 0.2901



57.5934, 0.3127, 0.2986



12.8999, 0.3050, 0.3053



4.6229, 0.1927, 0.0835



0.3501, 0.2110, 0.0936

Previews

White Background



This preview shows how the Yxy color 67.7342, 0.3221, 0.3602 looks on a white background.

Color Contrast Check

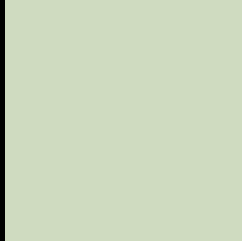
Large Text (above 18pt) WCAG AA × Fail

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 67.7342, 0.3221, 0.3602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

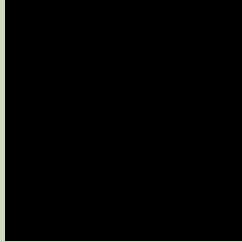
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

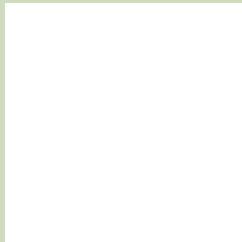
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.7342, 0.3221, 0.3602

Background



This preview shows how black text looks on a background with the Yxy color 67.7342, 0.3221, 0.3602.

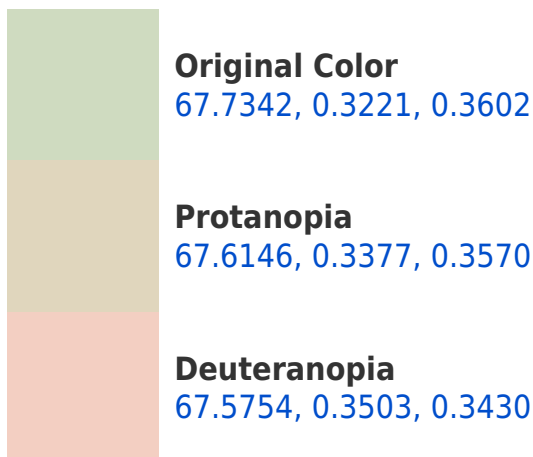


This preview shows how white text looks on a background with the Yxy color 67.7342, 0.3221, 0.3602.

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

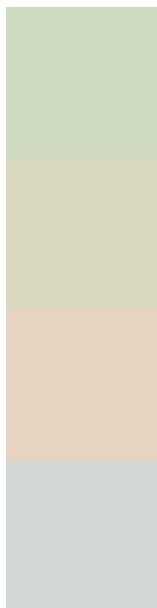




Tritanopia

67.4478, 0.3014, 0.3103

Trichromacy



Original Color

67.7342, 0.3221, 0.3602

Protanomaly

67.7349, 0.3321, 0.3584

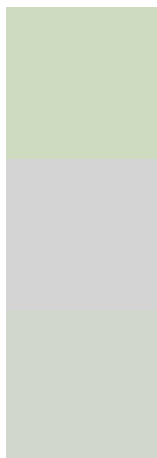
Deuteranomaly

67.2618, 0.3400, 0.3489

Tritanomaly

67.4076, 0.3091, 0.3279

Monochromacy



Original Color

67.7342, 0.3221, 0.3602

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.7103, 0.3158, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.7342, 0.3221, 0.3602 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(207, 219, 192)` looks like.

```
.text, #text, p{  
    color:rgb(207, 219, 192)  
}
```

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(207, 219, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 219, 192) }
```

Border

The CSS property to change the border of an element to Yxy 67.7342, 0.3221, 0.3602 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(207, 219, 192) }
```

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

```
.border{ border-color:rgb(207, 219, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 219, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 219, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 219, 192);  
box-shadow:4px 4px 4px 4px rgb(207, 219,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 67.7342, 0.3221, 0.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 219, 192) }
```

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

```
.background{ background-color: rgb(207,  
219, 192) }
```

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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