

Converting Colors

$Yxy(67.5880, 0.3513, 0.3926)$

Have a look what the booklet for
Yxy(67.5880, 0.3513, 0.3926)
contains.

Yxy(67.6569, 0.3513, 0.3929)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.6569, 0.3513, 0.3929)

Conversions

Conversions Part 1

Format	Color
Hex	DADAA2
RGB	218, 218, 162
RGB Percent	85%, 85%, 64%
CMY	0.1453, 0.1450, 0.3647
CMYK	0.00, 0.00, 0.26, 0.15
HSL	60°, 43%, 75%
HSV	60°, 26%, 85%
XYZ	60.4934, 67.6569, 44.0484
YIQ	211.6160, 17.9760, -17.4160

Conversions

Conversions Part 2

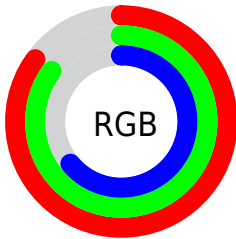
Format	Color
RYB	162, 218, 162
Decimal	14342818
CIELab	85.83, -8.85, 27.66
CIELCh	86, 29.041, 107.746
Yxy	67.6569, 0.3513, 0.3929
Android (android.graphics.Color)	4292532898 (0xFFDADAA2)
YUV	211.6160, -24.4607, 5.5988
Hunter-Lab	82.2538, -12.6666, 25.8268

Details

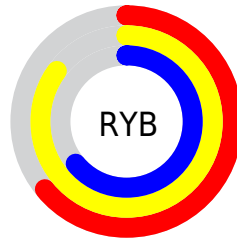
The Yxy color **67.6569, 0.3513, 0.3929** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.5896, 0.2686, 0.2560**, and the grayscale version is **65.7229, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7898, 0.3352, 0.3661**, and **35.0016, 0.3595, 0.4084** is the 20% darker color. If you saturate the color by 10%, you get **66.9460, 0.3661, 0.4174**, and if you desaturate by 10%, it is **68.5083, 0.3361, 0.3678**.

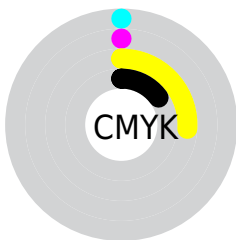
Distribution



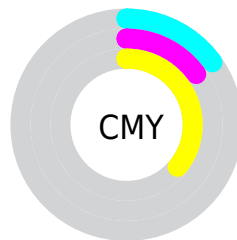
- Red (85%)
- Green (85%)
- Blue (64%)



- Red (64%)
- Yellow (85%)
- Blue (64%)



- Cyan (0%)
- Magenta (0%)
- Yellow (26%)
- Black (15%)





- Cyan (15%)
- Magenta (15%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.6569, 0.3513, 0.3929 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 67.6569, 0.3513, 0.3929 by changing the saturation by 10% instead.


 67.6569, 0.3513,
0.3929


 67.6569, 0.3513,
0.3929

452.2794, 0.3337,
0.3626

 49.6187, 0.3552,
0.4000

 115.8612, 0.3453,
0.3823

 35.1105, 0.3600,
0.4087


 146.7960, 0.3429,
0.3781

 23.7480, 0.3659,
0.4199


182.7985, 0.3408,
0.3746

 15.1468, 0.3732,
0.4346

224.2530, 0.3390,
0.3716

 8.9225, 0.3826,
0.4545

271.5440, 0.3374,
0.3689

 4.6906, 0.3943,
0.4825

325.0558, 0.3360,

 2.0669, 0.4376,

0.3665

0.5624

385.1728, 0.3348,
0.3644

0.6459, 0.3812,
0.6188

0.0000, 0.0000,
0.0000

67.6569, 0.3513,
0.3929

67.6569, 0.3513,
0.3929

66.9460, 0.3661,
0.4174

68.5083, 0.3361,
0.3678

66.3595, 0.3800,
0.4405


69.4976, 0.3211,
0.3429


65.8929, 0.3923,
0.4610

70.6337, 0.3065,
0.3188


65.5379, 0.4026,
0.4780


71.9224, 0.2928,
0.2960


 65.2851, 0.4105,
0.4911


 72.2949, 0.2893,
0.2902


 65.1234, 0.4157,
0.4997


 72.2996, 0.2893,
0.2902

 65.0395, 0.4184,
0.5043

 72.3043, 0.2893,
0.2902

 65.0169, 0.4191,
0.5054

 72.3090, 0.2893,
0.2902

 72.3137, 0.2894,
0.2902

Harmonies

Analogous

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



67.6569, 0.3765, 0.3798



67.6569, 0.3513, 0.3929



67.6569, 0.3166, 0.3873

Triad

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



67.6569, 0.3513, 0.3929



67.6569, 0.2461, 0.2968



67.6569, 0.3419, 0.2981

Complementary

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



67.6569, 0.3513, 0.3929



38.5896, 0.2686, 0.2560

Split Complementary

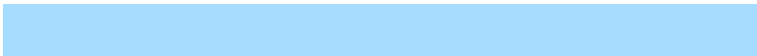
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.6569, 0.3055, 0.2785



67.6569, 0.3513, 0.3929



67.6569, 0.2518, 0.2764

Square

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



67.6569, 0.3513, 0.3929



67.6569, 0.2569, 0.3285



67.6569, 0.2729, 0.2704



67.6569, 0.3714, 0.3253

Rectangle

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



67.6569, 0.3513, 0.3929



67.6569, 0.2931, 0.3727



67.6569, 0.2729, 0.2704



67.6569, 0.3300, 0.2905

Sweetspot

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



67.6599, 0.3513, 0.3929



98.7497, 0.3246, 0.3487



43.3551, 0.3672, 0.3292



21.0894, 0.3269, 0.3525



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.



67.6599, 0.3513, 0.3929



95.8918, 0.3596, 0.4067



63.7111, 0.3297, 0.3976



15.2629, 0.3267, 0.3521



38.9432, 0.4191, 0.5054



2.5232, 0.4191, 0.5054

Inverse Universe

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



38.5896, 0.2686, 0.2560



47.4882, 0.2574, 0.2374



41.8491, 0.2915, 0.2605



12.6181, 0.2981, 0.3048



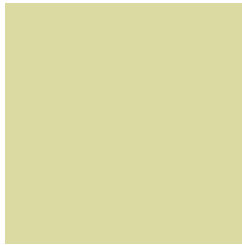
3.0342, 0.1501, 0.0600



0.1969, 0.1502, 0.0601

Previews

White Background



This preview shows how the Yxy color 67.6569, 0.3513, 0.3929 looks on a white background.

Color Contrast Check

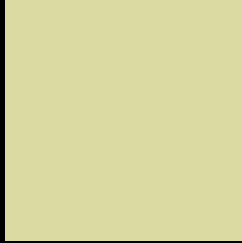
Large Text (above 18pt) WCAG AA × Fail

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 67.6569, 0.3513, 0.3929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

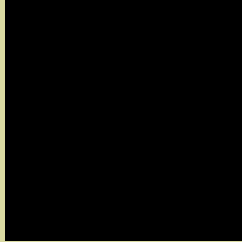
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

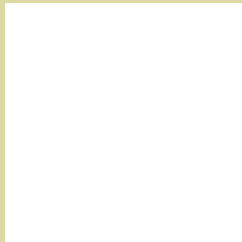
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.6569, 0.3513, 0.3929

Background



This preview shows how black text looks on a background with the Yxy color 67.6569, 0.3513, 0.3929.



This preview shows how white text looks on a background with the Yxy color 67.6569, 0.3513, 0.3929.

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



Original Color

67.6569, 0.3513, 0.3929

Protanopia

67.4542, 0.3634, 0.3889

Deuteranopia

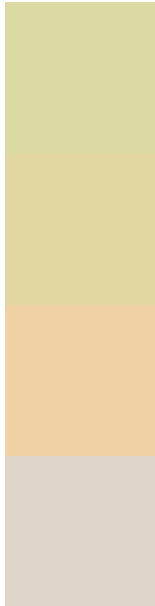
67.5547, 0.3801, 0.3721



Tritanopia

67.7529, 0.3135, 0.3118

Trichromacy



Original Color

67.6569, 0.3513, 0.3929

Protanomaly

67.3428, 0.3592, 0.3895

Deuteranomaly

67.2988, 0.3698, 0.3789

Tritanomaly

67.5883, 0.3271, 0.3401

Monochromacy



Original Color

67.6569, 0.3513, 0.3929

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.2843, 0.3265, 0.3518

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.6569, 0.3513, 0.3929 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(218, 218, 162)` looks like.

```
.text, #text, p{  
    color:rgb(218, 218, 162)  
}
```

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(218, 218, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 218, 162) }
```

Border

The CSS property to change the border of an element to Yxy 67.6569, 0.3513, 0.3929 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(218, 218, 162) }
```

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

```
.border{ border-color:rgb(218, 218, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 218, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 218, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 218, 162);  
box-shadow:4px 4px 4px 4px rgb(218, 218,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 67.6569, 0.3513, 0.3929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 218, 162) }
```

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

```
.background{ background-color: rgb(218,  
218, 162) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor