

Converting Colors

Yxy(68.0931, 0.3337, 0.3621)

Have a look what the booklet for
Yxy(68.0931, 0.3337, 0.3621)
contains.

Yxy(68.1620, 0.3334, 0.3618) 3

Conversions 4

Details 6

Harmonies 12

Previews 24

Color Blindness Simulation 27

CSS Examples 30

Color

Yxy(68.1620, 0.3334, 0.3618)

Conversions

Conversions Part 1	
Format	Color
Hex	DAD9BC
RGB	218, 217, 188
RGB Percent	85%, 85%, 74%
CMY	0.1450, 0.1490, 0.2627
CMYK	0.00, 0.00, 0.14, 0.14
HSL	58°, 29%, 80%
HSV	58°, 14%, 86%
XYZ	62.8115, 68.1620, 57.4234
YIQ	213.9930, 9.9050, -8.8070

Conversions

Conversions Part 2

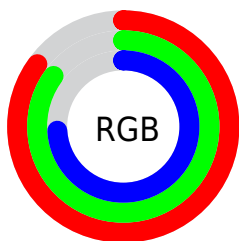
Format	Color
RYB	189, 218, 188
Decimal	14342588
CIELab	86.09, -4.52, 14.43
CIELCh	86, 15.116, 107.384
Yxy	68.1620, 0.3334, 0.3618
Android (android.graphics.Color)	4292532668 (0xFFDAD9BC)
YUV	213.9930, -12.8145, 3.5141
Hunter-Lab	82.5603, -8.6784, 16.5541

Details

The Yxy color $68.1620, 0.3334, 0.3618$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $52.1701, 0.2908, 0.2939$, and the grayscale version is $67.3280, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.3117, 0.3191, 0.3396$, and $35.3765, 0.3381, 0.3692$ is the 20% darker color. If you saturate the color by 10%, you get $66.9053, 0.3489, 0.3862$, and if you desaturate by 10%, it is $69.5686, 0.3183, 0.3378$.

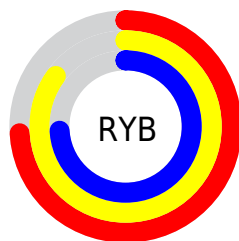
Distribution



Red (85%)

Green (85%)

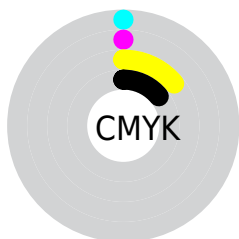
Blue (74%)



Red (74%)

Yellow (85%)

Blue (74%)

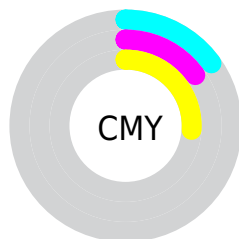


Cyan (0%)

Magenta (0%)

Yellow (14%)

Black (14%)



Cyan (15%)


Magenta (15%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.1620, 0.3334, 0.3618 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 68.1620, 0.3334, 0.3618 by changing the saturation by 10% instead.


 68.1620, 0.3334,
0.3618

 68.1620, 0.3334,
0.3618


454.0698, 0.3238,
0.3463

 50.0295, 0.3356,
0.3654


 116.5839, 0.3301,
0.3564

 35.4369, 0.3383,
0.3699


147.6421, 0.3288,
0.3543

 23.9996, 0.3418,
0.3757


183.7776, 0.3276,
0.3525

 15.3333, 0.3462,
0.3834

225.3750, 0.3267,
0.3509

 9.0537, 0.3523,
0.3940

272.8184, 0.3258,
0.3495

 4.7762, 0.3610,
0.4096


326.4925, 0.3251,


 2.1166, 0.3741,


0.3483


0.4348


386.7815, 0.3244,
0.3473

 0.6739, 0.4404,
0.5596


 0.0000, 0.0000,
0.0000


 68.1620, 0.3334,
0.3618

 68.1620, 0.3334,
0.3618


 66.9053, 0.3489,
0.3862


 69.5686, 0.3183,
0.3378


 65.7830, 0.3643,
0.4102


 71.1220, 0.3038,
0.3148

 64.7914, 0.3790,
0.4330


 72.8309, 0.2902,
0.2931


 63.9231, 0.3925,
0.4537


 73.3291, 0.2893,
0.2923


 63.1698, 0.4041,
0.4711


 73.7273, 0.2894,
0.2931


 62.5224, 0.4134,
0.4847


 74.1274, 0.2894,
0.2940


 61.9702, 0.4200,
0.4939

 74.5292, 0.2894,
0.2948

 61.5003, 0.4240,
0.4988

 74.9329, 0.2894,
0.2956

 61.2361, 0.4256,
0.5003

 75.3383, 0.2895,
0.2964

Harmonies

Analogous

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



68.1620, 0.3460, 0.3559



68.1620, 0.3334, 0.3618



68.1620, 0.3155, 0.3584

Triad

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



68.1620, 0.3334, 0.3618



68.1620, 0.2773, 0.3131



68.1620, 0.3278, 0.3124

Complementary

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



68.1620, 0.3334, 0.3618



52.1701, 0.2908, 0.2939

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.



68.1620, 0.3091, 0.3017



68.1620, 0.3334, 0.3618



68.1620, 0.2803, 0.3016

Square

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



68.1620, 0.3334, 0.3618



68.1620, 0.2834, 0.3295



68.1620, 0.2918, 0.2977



68.1620, 0.3428, 0.3274

Rectangle

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



68.1620, 0.3334, 0.3618



68.1620, 0.3030, 0.3512



68.1620, 0.2918, 0.2977



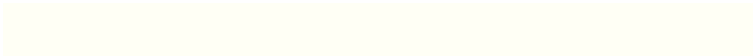
68.1620, 0.3217, 0.3083

Sweetspot

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



68.1650, 0.3334, 0.3618



99.1347, 0.3187, 0.3384



54.5747, 0.3368, 0.3273



21.1849, 0.3198, 0.3402



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.



68.1650, 0.3334, 0.3618



96.5595, 0.3386, 0.3700



66.7042, 0.3231, 0.3640



15.1823, 0.3268, 0.3513



36.7071, 0.4255, 0.5004



2.4028, 0.4244, 0.5012

Inverse Universe

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



52.1701, 0.2908, 0.2939



68.8315, 0.2848, 0.2844



53.5208, 0.3012, 0.2938



12.6892, 0.2981, 0.3057



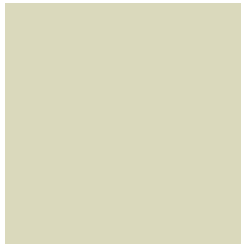
3.1633, 0.1507, 0.0623



0.2311, 0.1526, 0.0693

Previews

White Background



This preview shows how the Yxy color 68.1620, 0.3334, 0.3618 looks on a white background.

Color Contrast Check

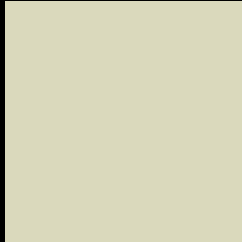
Large Text (above 18pt) WCAG AA × Fail

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 68.1620, 0.3334, 0.3618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

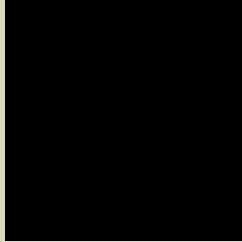
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

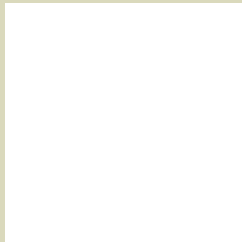
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.1620, 0.3334, 0.3618

Background



This preview shows how black text looks on a background with the Yxy color 68.1620, 0.3334, 0.3618.



This preview shows how white text looks on a background with the Yxy color 68.1620, 0.3334, 0.3618.

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

68.1620, 0.3334, 0.3618

Protanopia

68.3575, 0.3406, 0.3602

Deuteranopia

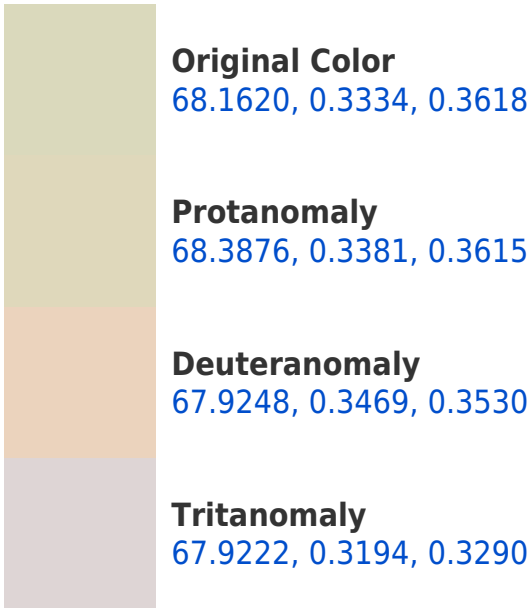
67.7558, 0.3549, 0.3472



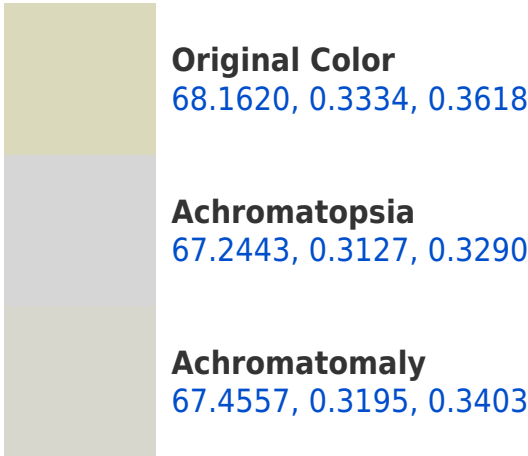
Tritanopia

68.0373, 0.3106, 0.3106

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.1620, 0.3334, 0.3618 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, 217, 188) looks like.

```
.text, #text, p{  
    color:rgb(218, 217, 188)  
}
```

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, 217, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 217, 188) }
```

Border

The CSS property to change the border of an element to Yxy 68.1620, 0.3334, 0.3618 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, 217, 188) }
```

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

```
.border{ border-color:rgb(218, 217, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 217, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 217, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 217, 188);  
box-shadow:4px 4px 4px 4px rgb(218, 217,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 68.1620, 0.3334, 0.3618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 217, 188) }
```

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

```
.background{ background-color: rgb(218,  
217, 188) }
```

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