

Converting Colors

$Yxy(69.3357, 0.3267, 0.3675)$

Have a look what the booklet for
Yxy(69.3357, 0.3267, 0.3675)
contains.

Yxy(69.5750, 0.3267, 0.3679)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.5750, 0.3267, 0.3679)

Conversions

Conversions Part 1

Format	Color
Hex	D2DEBC
RGB	210, 222, 188
RGB Percent	82%, 87%, 74%
CMY	0.1764, 0.1294, 0.2627
CMYK	0.05, 0.00, 0.15, 0.13
HSL	81°, 34%, 80%
HSV	81°, 15%, 87%
XYZ	61.7835, 69.5750, 57.7554
YIQ	214.5360, 3.7620, -13.1180

Conversions

Conversions Part 2

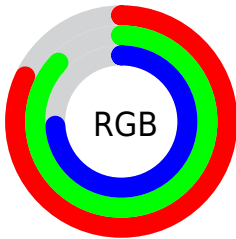
Format	Color
RYB	188, 222, 200
Decimal	13819580
CIELab	86.79, -9.93, 15.32
CIElCh	87, 18.257, 122.933
Yxy	69.5750, 0.3267, 0.3679
Android (android.graphics.Color)	4292009660 (0xFFD2DEBC)
YUV	214.5360, -13.0822, -3.9781
Hunter-Lab	83.4116, -13.7543, 17.3349

Details

The Yxy color **69.5750, 0.3267, 0.3679** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.5215, 0.2971, 0.2892**, and the grayscale version is **67.7181, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **36.3553, 0.3292, 0.3774** is the 20% darker color. If you saturate the color by 10%, you get **67.5732, 0.3357, 0.3952**, and if you desaturate by 10%, it is **71.7862, 0.3175, 0.3420**.

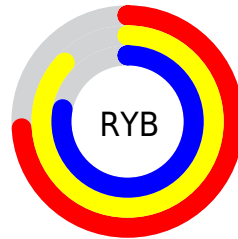
Distribution



Red (82%)

Green (87%)

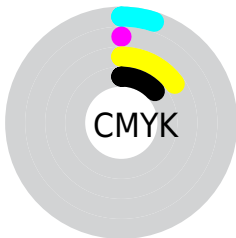
Blue (74%)



Red (74%)

Yellow (87%)

Blue (78%)

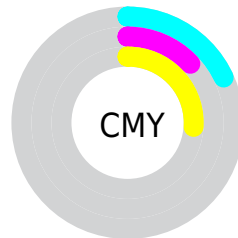


Cyan (5%)

Magenta (0%)

Yellow (15%)

Black (13%)



Cyan (18%)

Magenta (13%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.5750, 0.3267, 0.3679 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 69.5750, 0.3267, 0.3679 by changing the saturation by 10% instead.

69.5750, 0.3267,
0.3679

69.5750, 0.3267,
0.3679

459.0563, 0.3204,
0.3494

51.1801, 0.3281,
0.3722

118.6025, 0.3245,
0.3614

36.3520, 0.3298,
0.3777

150.0039, 0.3237,
0.3589

24.7062, 0.3320,
0.3846

186.5096, 0.3229,
0.3567

15.8583, 0.3347,
0.3939

228.5040, 0.3223,
0.3549

9.4239, 0.3383,
0.4069

276.3714, 0.3217,
0.3533

5.0187, 0.3431,
0.4261

330.4964, 0.3212,

2.2582, 0.3495,

0.3518

0.4575

391.2632, 0.3208,
0.3506

0.7515, 0.3858,
0.6142

0.0000, 0.0000,
0.0000

69.5750, 0.3267,
0.3679

69.5750, 0.3267,
0.3679

67.5732, 0.3357,
0.3952

71.7862, 0.3175,
0.3420

65.7642, 0.3442,
0.4233


74.2048, 0.3085,
0.3179

64.1429, 0.3518,
0.4514


76.8405, 0.2998,
0.2959

62.7008, 0.3579,
0.4782

78.2141, 0.3049,
0.2960


 61.4282, 0.3620,
0.5026

 79.6218, 0.3102,
0.2966

 60.3146, 0.3638,
0.5232

 80.7208, 0.3142,
0.2970

 59.3475, 0.3631,
0.5392

 58.5121, 0.3600,
0.5500

 58.1542, 0.3580,
0.5539

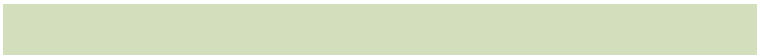
Harmonies

Analogous

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



69.5750, 0.3459, 0.3662



69.5750, 0.3267, 0.3679



69.5750, 0.3043, 0.3581

Triad

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



69.5750, 0.3267, 0.3679



69.5750, 0.2709, 0.3017



69.5750, 0.3411, 0.3180

Complementary

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



69.5750, 0.3267, 0.3679



53.5215, 0.2971, 0.2892

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.



69.5750, 0.3201, 0.3023



69.5750, 0.3267, 0.3679



69.5750, 0.2799, 0.2926

Square

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



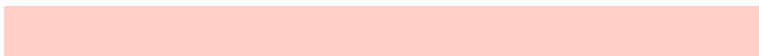
69.5750, 0.3267, 0.3679



69.5750, 0.2726, 0.3187



69.5750, 0.2977, 0.2931



69.5750, 0.3546, 0.3369

Rectangle

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



69.5750, 0.3267, 0.3679



69.5750, 0.2905, 0.3464



69.5750, 0.2977, 0.2931



69.5750, 0.3347, 0.3122

Sweetspot

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



69.5780, 0.3267, 0.3679



98.3642, 0.3173, 0.3413



60.4255, 0.3393, 0.3426



21.0060, 0.3179, 0.3431



0.0000, 0.0000, 0.0000



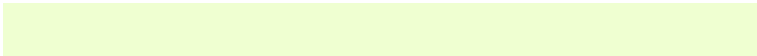
21.4041, 0.3127, 0.3290

Same Dimension

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



69.5780, 0.3267, 0.3679



94.4507, 0.3293, 0.3755



67.2239, 0.3144, 0.3694



15.7755, 0.3213, 0.3525



34.6079, 0.3589, 0.5532



2.4483, 0.3683, 0.5458

Inverse Universe

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



53.5215, 0.2971, 0.2892



68.9199, 0.2939, 0.2813



55.9813, 0.3104, 0.2908



13.4769, 0.3035, 0.3052



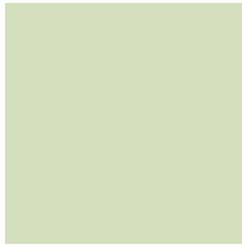
4.1554, 0.1775, 0.0751



0.3369, 0.1947, 0.0846

Previews

White Background



This preview shows how the Yxy color 69.5750, 0.3267, 0.3679 looks on a white background.

Color Contrast Check

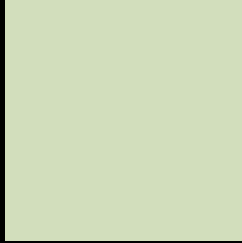
Large Text (above 18pt) WCAG AA × Fail

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 69.5750, 0.3267, 0.3679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

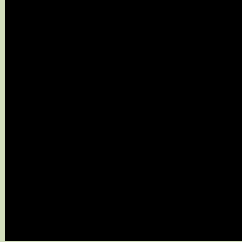
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

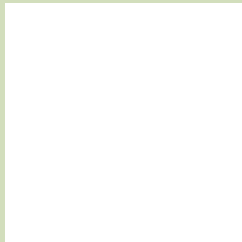
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.5750, 0.3267, 0.3679

Background



This preview shows how black text looks on a background with the Yxy color 69.5750, 0.3267, 0.3679.

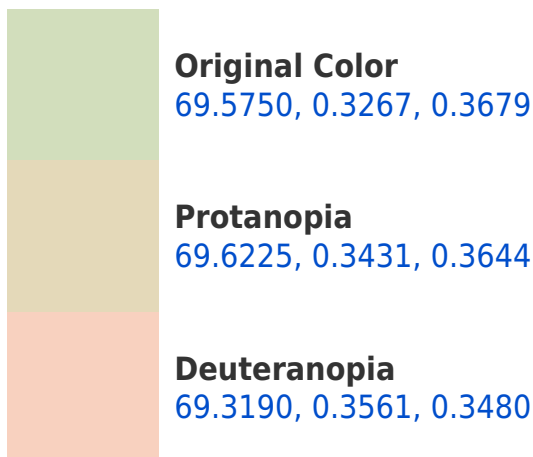


This preview shows how white text looks on a background with the Yxy color 69.5750, 0.3267, 0.3679.

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

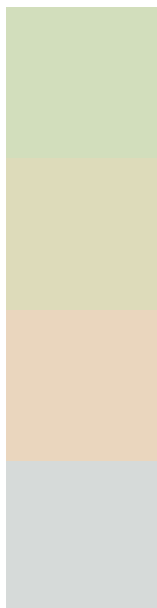




Tritanopia

69.7466, 0.3022, 0.3105

Trichromacy



Original Color

69.5750, 0.3267, 0.3679

Protanomaly

69.5804, 0.3367, 0.3660

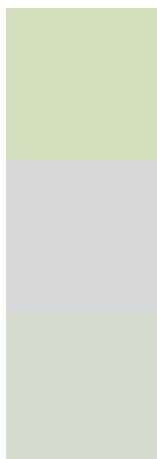
Deuteranomaly

69.3033, 0.3448, 0.3552

Tritanomaly

69.4487, 0.3105, 0.3301

Monochromacy



Original Color

69.5750, 0.3267, 0.3679

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.6967, 0.3178, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5750, 0.3267, 0.3679 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(210, 222, 188)` looks like.

```
.text, #text, p{  
    color:rgb(210, 222, 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(210, 222, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 222, 188) }
```

Border

The CSS property to change the border of an element to Yxy 69.5750, 0.3267, 0.3679 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(210, 222, 188) }
```

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

```
.border{ border-color:rgb(210, 222, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 222, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 222, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 222, 188);  
box-shadow:4px 4px 4px 4px rgb(210, 222,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5750, 0.3267, 0.3679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 222, 188) }
```

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

```
.background{ background-color: rgb(210,  
222, 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