

Converting Colors

$Yxy(64.5591, 0.3380, 0.3899)$

Have a look what the booklet for
Yxy(64.5591, 0.3380, 0.3899)
contains.

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Color

Yxy(64.5249, 0.3380, 0.3896)

Conversions

Conversions Part 1

Format	Color
Hex	CBD8A5
RGB	203, 216, 165
RGB Percent	80%, 85%, 65%
CMY	0.2039, 0.1529, 0.3528
CMYK	0.06, 0.00, 0.24, 0.15
HSL	75°, 40%, 75%
HSV	75°, 24%, 85%
XYZ	55.9790, 64.5249, 45.1144
YIQ	206.2990, 8.6230, -18.6170

Conversions

Conversions Part 2

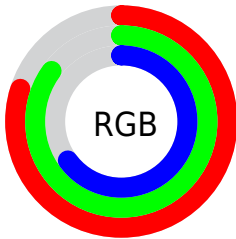
Format	Color
RYB	165, 216, 178
Decimal	13359269
CIELab	84.24, -12.95, 23.72
CIELCh	84, 27.027, 118.625
Yxy	64.5249, 0.3380, 0.3896
Android (android.graphics.Color)	4291549349 (0xFFCBD8A5)
YUV	206.2990, -20.3604, -2.8932
Hunter-Lab	80.3274, -16.1789, 22.9300

Details

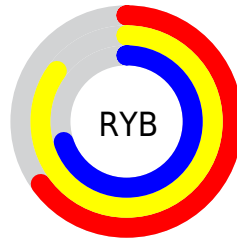
The Yxy color $64.5249, 0.3380, 0.3896$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $41.3468, 0.2831, 0.2647$, and the grayscale version is $62.0552, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.9473, 0.3333, 0.3631$, and $32.9779, 0.3431, 0.4050$ is the 20% darker color. If you saturate the color by 10%, you get $63.0467, 0.3483, 0.4167$, and if you desaturate by 10%, it is $66.1692, 0.3273, 0.3631$.

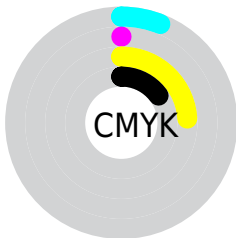
Distribution



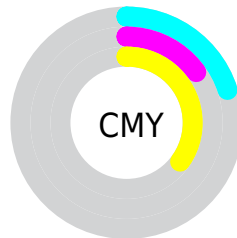
- Red (80%)
- Green (85%)
- Blue (65%)



- Red (65%)
- Yellow (85%)
- Blue (70%)



- Cyan (6%)
- Magenta (0%)
- Yellow (24%)
- Black (15%)





- Cyan (20%)
- Magenta (15%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.5249, 0.3380, 0.3896 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 64.5249, 0.3380, 0.3896 by changing the saturation by 10% instead.

 64.5249, 0.3380,
0.3896

 64.5249, 0.3380,
0.3896


441.0827, 0.3265,
0.3603

 47.0759, 0.3405,
0.3966


 111.3665, 0.3341,
0.3792

 33.0957, 0.3436,
0.4054


 141.5280, 0.3325,
0.3752

 22.1998, 0.3474,
0.4167


176.6958, 0.3312,
0.3718

 14.0038, 0.3521,
0.4319

217.2542, 0.3300,
0.3689

 8.1233, 0.3580,
0.4531

263.5877, 0.3290,
0.3663

 4.1739, 0.3650,
0.4846

316.0807, 0.3281,

 1.7713, 0.4021,

0.3641

0.5790

375.1176, 0.3272,
0.3621

0.4692, 0.2168,
0.7832

0.0000, 0.0000,
0.0000

64.5249, 0.3380,
0.3896

64.5249, 0.3380,
0.3896

63.0467, 0.3483,
0.4167

66.1692, 0.3273,
0.3631

61.7189, 0.3578,
0.4435

67.9774, 0.3165,
0.3377

60.5371, 0.3659,
0.4690

69.9585, 0.3061,
0.3140

59.4927, 0.3721,
0.4919


72.1182, 0.2961,
0.2921


 58.5767, 0.3760,
0.5113


 73.2457, 0.2976,
0.2890


 57.7784, 0.3774,
0.5262


 74.1742, 0.3013,
0.2895

 57.0849, 0.3762,
0.5363

 75.1318, 0.3051,
0.2899

 56.6824, 0.3744,
0.5409

 76.1187, 0.3089,
0.2904

 77.1352, 0.3128,
0.2908

Harmonies

Analogous

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



64.5249, 0.3660, 0.3833



64.5249, 0.3380, 0.3896



64.5249, 0.3042, 0.3773

Triad

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



64.5249, 0.3380, 0.3896



64.5249, 0.2497, 0.2902



64.5249, 0.3518, 0.3085

Complementary

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



64.5249, 0.3380, 0.3896



41.3468, 0.2831, 0.2647

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.



64.5249, 0.3185, 0.2867



64.5249, 0.3380, 0.3896



64.5249, 0.2607, 0.2755

Square

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



64.5249, 0.3380, 0.3896



64.5249, 0.2543, 0.3170



64.5249, 0.2853, 0.2747



64.5249, 0.3747, 0.3358

Rectangle

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



64.5249, 0.3380, 0.3896



64.5249, 0.2831, 0.3601



64.5249, 0.2853, 0.2747



64.5249, 0.3413, 0.3004

Sweetspot

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



64.5277, 0.3380, 0.3896



98.0502, 0.3202, 0.3464



49.0672, 0.3579, 0.3445



20.9520, 0.3209, 0.3479



0.0000, 0.0000, 0.0000



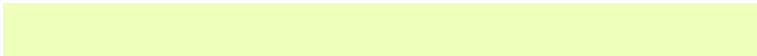
21.4041, 0.3127, 0.3290

Same Dimension

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



64.5277, 0.3380, 0.3896



92.9332, 0.3429, 0.4022



61.2685, 0.3188, 0.3934



14.3532, 0.3228, 0.3523



33.6034, 0.3751, 0.5403



2.0652, 0.3831, 0.5340

Inverse Universe

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



41.3468, 0.2831, 0.2647



53.8644, 0.2761, 0.2504



44.6116, 0.3044, 0.2686



12.1602, 0.3021, 0.3052



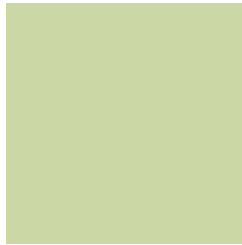
3.4604, 0.1655, 0.0685



0.2485, 0.1836, 0.0785

Previews

White Background



This preview shows how the Yxy color 64.5249, 0.3380, 0.3896 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 64.5249, 0.3380, 0.3896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

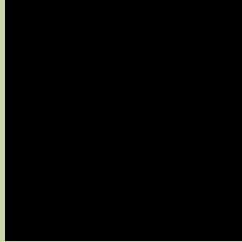
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

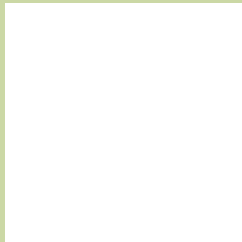
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.5249, 0.3380, 0.3896

Background



This preview shows how black text looks on a background with the Yxy color 64.5249, 0.3380, 0.3896.

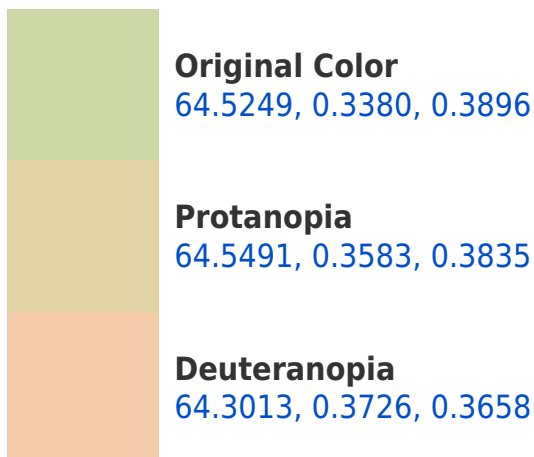


This preview shows how white text looks on a background with the Yxy color 64.5249, 0.3380, 0.3896.

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

64.3425, 0.3040, 0.3111

Trichromacy



Original Color

64.5249, 0.3380, 0.3896

Protanomaly

64.3302, 0.3506, 0.3857

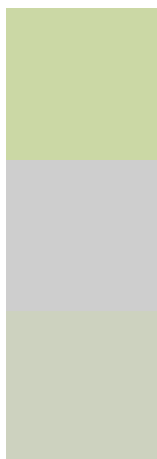
Deuteranomaly

64.0737, 0.3595, 0.3739

Tritanomaly

64.3102, 0.3160, 0.3382

Monochromacy



Original Color

64.5249, 0.3380, 0.3896

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.8339, 0.3222, 0.3513

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.5249, 0.3380, 0.3896 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(203, 216, 165)` looks like.

```
.text, #text, p{  
    color:rgb(203, 216, 165)  
}
```

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(203, 216, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 216, 165) }
```

Border

The CSS property to change the border of an element to Yxy 64.5249, 0.3380, 0.3896 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(203, 216, 165) }
```

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

```
.border{ border-color:rgb(203, 216, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 216, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 216, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 216, 165);  
box-shadow:4px 4px 4px 4px rgb(203, 216,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 64.5249, 0.3380, 0.3896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 216, 165) }
```

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

```
.background{ background-color: rgb(203,  
216, 165) }
```

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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