

Converting Colors

Yxy(64.8055, 0.3459, 0.4051)

Have a look what the booklet for
Yxy(64.8055, 0.3459, 0.4051)
contains.

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Color

Yxy(64.6221, 0.3460, 0.4051)

Conversions

Conversions Part 1

Format	Color
Hex	CBD999
RGB	203, 217, 153
RGB Percent	80%, 85%, 60%
CMY	0.2039, 0.1490, 0.4000
CMYK	0.06, 0.00, 0.29, 0.15
HSL	73°, 46%, 73%
HSV	73°, 29%, 85%
XYZ	55.1944, 64.6221, 39.7049
YIQ	205.5180, 12.2000, -22.8720

Conversions

Conversions Part 2

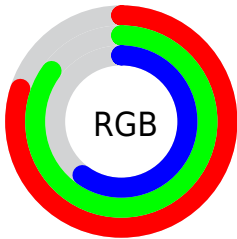
Format	Color
RYB	153, 217, 167
Decimal	13359513
CIELab	84.29, -15.13, 30.02
CIELCh	84, 33.622, 116.747
Yxy	64.6221, 0.3460, 0.4051
Android (android.graphics.Color)	4291549593 (0xFFCBD999)
YUV	205.5180, -25.8914, -2.2083
Hunter-Lab	80.3879, -18.1205, 26.9872

Details

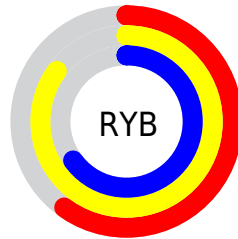
The Yxy color **64.6221, 0.3460, 0.4051** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.0110, 0.2723, 0.2460**, and the grayscale version is **61.5631, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3341, 0.3406, 0.3751**, and **33.0761, 0.3532, 0.4251** is the 20% darker color. If you saturate the color by 10%, you get **63.3159, 0.3566, 0.4317**, and if you desaturate by 10%, it is **66.0848, 0.3348, 0.3784**.

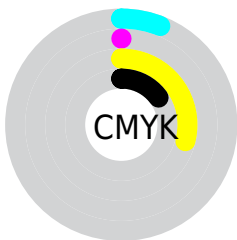
Distribution



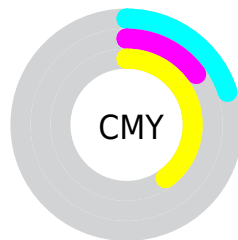
- Red (80%)
- Green (85%)
- Blue (60%)



- Red (60%)
- Yellow (85%)
- Blue (65%)



- Cyan (6%)
- Magenta (0%)
- Yellow (29%)
- Black (15%)



- Cyan (20%)
- Magenta (15%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.6221, 0.3460, 0.4051 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 64.6221, 0.3460, 0.4051 by changing the saturation by 10% instead.


 64.6221, 0.3460,
0.4051

 64.6221, 0.3460,
0.4051


441.4327, 0.3310,
0.3683

 47.1547, 0.3492,
0.4138


 111.5064, 0.3409,
0.3920

 33.1580, 0.3531,
0.4248


 141.6921, 0.3389,
0.3870

 22.2475, 0.3577,
0.4389


176.8860, 0.3372,
0.3828

 14.0389, 0.3633,
0.4576

217.4725, 0.3356,
0.3791

 8.1477, 0.3697,
0.4833

263.8361, 0.3343,
0.3759

 4.1896, 0.3764,
0.5206

316.3610, 0.3331,

 1.7802, 0.3964,

0.3730

0.6036

375.4318, 0.3320,
0.3705

0.4748, 0.1471,
0.8529

0.0000, 0.0000,
0.0000

64.6221, 0.3460,
0.4051

64.6221, 0.3460,
0.4051

63.3159, 0.3566,
0.4317

66.0848, 0.3348,
0.3784

62.1504, 0.3660,
0.4573

67.7021, 0.3234,
0.3525

61.1205, 0.3737,
0.4808

69.4832, 0.3121,
0.3278

60.2174, 0.3792,
0.5010

71.4339, 0.3013,
0.3047

■ 59.4311, 0.3822,
0.5170

■ 73.1335, 0.2950,
0.2898

■ 58.7497, 0.3826,
0.5284

■ 73.9143, 0.2982,
0.2901

■ 58.1535, 0.3809,
0.5356

■ 74.7165, 0.3014,
0.2905

■ 58.1241, 0.3807,
0.5359

■ 75.5403, 0.3047,
0.2909

■ 76.3858, 0.3080,
0.2913

Harmonies

Analogous

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



64.6221, 0.3802, 0.3948



64.6221, 0.3460, 0.4051



64.6221, 0.3043, 0.3917

Triad

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



64.6221, 0.3460, 0.4051



64.6221, 0.2353, 0.2821



64.6221, 0.3589, 0.3017

Complementary

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



64.6221, 0.3460, 0.4051



36.0110, 0.2723, 0.2460

Split Complementary

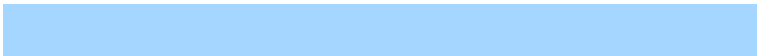
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.6221, 0.3169, 0.2760



64.6221, 0.3460, 0.4051



64.6221, 0.2473, 0.2637

Square

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



64.6221, 0.3460, 0.4051



64.6221, 0.2419, 0.3158



64.6221, 0.2763, 0.2622



64.6221, 0.3888, 0.3345

Rectangle

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



64.6221, 0.3460, 0.4051



64.6221, 0.2780, 0.3704



64.6221, 0.2763, 0.2622



64.6221, 0.3455, 0.2920

Sweetspot

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



64.6250, 0.3460, 0.4051



97.6699, 0.3229, 0.3514



44.6438, 0.3733, 0.3460



20.8287, 0.3246, 0.3552



0.0000, 0.0000, 0.0000



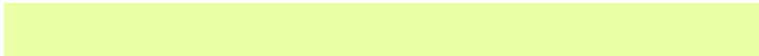
21.4041, 0.3127, 0.3290

Same Dimension

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



64.6250, 0.3460, 0.4051



92.0098, 0.3523, 0.4207



60.6004, 0.3217, 0.4113



15.1128, 0.3233, 0.3523



35.2329, 0.3813, 0.5354



2.3189, 0.3878, 0.5303

Inverse Universe

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



36.0110, 0.2723, 0.2460



44.7482, 0.2625, 0.2272



39.9201, 0.2998, 0.2523



12.7537, 0.3015, 0.3051



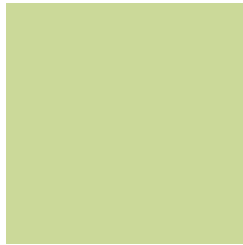
3.4429, 0.1618, 0.0665



0.2612, 0.1777, 0.0753

Previews

White Background



This preview shows how the Yxy color 64.6221, 0.3460, 0.4051 looks on a white background.

Color Contrast Check

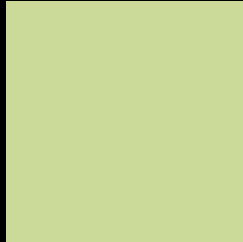
Large Text (above 18pt) WCAG AA × Fail

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 64.6221, 0.3460, 0.4051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

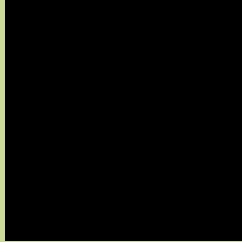
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.6221, 0.3460, 0.4051

Background



This preview shows how black text looks on a background with the Yxy color 64.6221, 0.3460, 0.4051.



This preview shows how white text looks on a background with the Yxy color 64.6221, 0.3460, 0.4051.

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

64.6221, 0.3460, 0.4051

Protanopia

64.4639, 0.3687, 0.3967

Deuteranopia

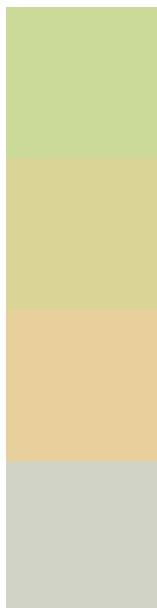
64.1300, 0.3856, 0.3770



Tritanopia

64.6397, 0.3054, 0.3112

Trichromacy



Original Color

64.6221, 0.3460, 0.4051

Protanomaly

64.7283, 0.3605, 0.4002

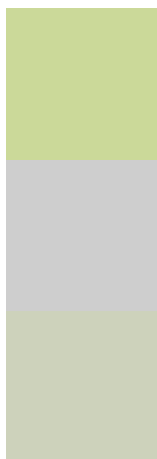
Deuteranomaly

64.1480, 0.3710, 0.3869

Tritanomaly

64.2211, 0.3202, 0.3440

Monochromacy



Original Color

64.6221, 0.3460, 0.4051

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.6602, 0.3251, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.6221, 0.3460, 0.4051 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, 217, 153)` looks like.

```
.text, #text, p{  
    color:rgb(203, 217, 153)  
}
```

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, 217, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 217, 153) }
```

Border

The CSS property to change the border of an element to Yxy 64.6221, 0.3460, 0.4051 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, 217, 153) }
```

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

```
.border{ border-color:rgb(203, 217, 153) }
```

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

Here you see how a box with a 4 pixel rgb(203, 217, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 217, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 217, 153);  
box-shadow:4px 4px 4px 4px rgb(203, 217,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 64.6221, 0.3460, 0.4051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 217, 153) }
```

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

```
.background{ background-color: rgb(203,  
217, 153) }
```

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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