

Converting Colors

$Yxy(63.3219, 0.3363, 0.3696)$

Have a look what the booklet for
Yxy(63.3219, 0.3363, 0.3696)
contains.

Yxy(63.4248, 0.3367, 0.3700)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(63.4248, 0.3367, 0.3700)

Conversions

Conversions Part 1

Format	Color
Hex	D2D3B0
RGB	210, 211, 176
RGB Percent	82%, 83%, 69%
CMY	0.1763, 0.1726, 0.3098
CMYK	0.00, 0.00, 0.17, 0.17
HSL	62°, 28%, 76%
HSV	62°, 17%, 83%
XYZ	57.7166, 63.4248, 50.2770
YIQ	206.7110, 10.6390, -11.0970

Conversions

Conversions Part 2

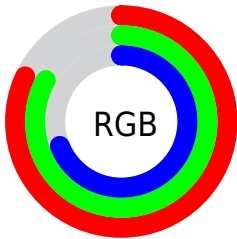
Format	Color
RYB	176, 211, 177
Decimal	13816752
CIELab	83.67, -6.19, 17.25
CIELCh	84, 18.328, 109.725
Yxy	63.4248, 0.3367, 0.3700
Android (android.graphics.Color)	4292006832 (0xFFD2D3B0)
YUV	206.7110, -15.1405, 2.8845
Hunter-Lab	79.6397, -10.0067, 18.3177

Details

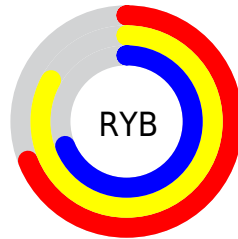
The Yxy color **63.4248, 0.3367, 0.3700** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.0994, 0.2866, 0.2846**, and the grayscale version is **62.2999, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6062, 0.3262, 0.3513**, and **32.5126, 0.3424, 0.3819** is the 20% darker color. If you saturate the color by 10%, you get **62.5713, 0.3514, 0.3952**, and if you desaturate by 10%, it is **64.4141, 0.3221, 0.3450**.

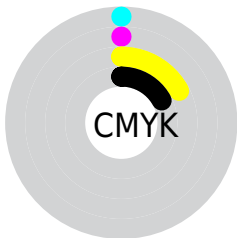
Distribution



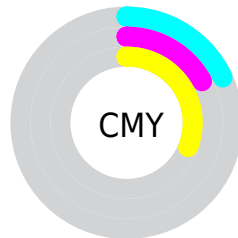
- Red (82%)
- Green (83%)
- Blue (69%)



- Red (69%)
- Yellow (83%)
- Blue (69%)



- Cyan (0%)
- Magenta (0%)
- Yellow (17%)
- Black (17%)





- Cyan (18%)
- Magenta (17%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.4248, 0.3367, 0.3700 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 63.4248, 0.3367, 0.3700 by changing the saturation by 10% instead.


 63.4248, 0.3367,
0.3700

 63.4248, 0.3367,
0.3700


437.1095, 0.3255,
0.3503

 46.1850, 0.3393,
0.3747


 109.7821, 0.3328,
0.3630

 32.3918, 0.3425,
0.3805


139.6684, 0.3313,
0.3604

 21.6609, 0.3465,
0.3881


174.5390, 0.3300,
0.3581

 13.6080, 0.3518,
0.3982

214.7782, 0.3288,
0.3561

 7.8485, 0.3590,
0.4124

260.7704, 0.3278,
0.3544

 3.9982, 0.3690,
0.4336

312.9002, 0.3270,

 1.6725, 0.3933,

0.3529

0.4801

371.5517, 0.3262,
0.3515

0.4058, 0.3664,
0.6336

0.0000, 0.0000,
0.0000

63.4248, 0.3367,
0.3700

63.4248, 0.3367,
0.3700

62.5713, 0.3514,
0.3952

64.4141, 0.3221,
0.3450

61.8391, 0.3656,
0.4199

65.5362, 0.3079,
0.3209

61.2246, 0.3789,
0.4431

66.7994, 0.2945,
0.2981

60.7208, 0.3906,
0.4638

67.8555, 0.2852,
0.2821

60.3199, 0.4003,
0.4811

67.9420, 0.2856,
0.2821

60.0131, 0.4074,
0.4943

68.0288, 0.2859,
0.2822

59.7901, 0.4120,
0.5032

68.1158, 0.2863,
0.2823

59.6378, 0.4141,
0.5079

68.2032, 0.2867,
0.2823

59.5938, 0.4145,
0.5091

68.2909, 0.2871,
0.2824

Harmonies

Analogous

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



63.4248, 0.3532, 0.3632



63.4248, 0.3367, 0.3700



63.4248, 0.3142, 0.3650

Triad

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



63.4248, 0.3367, 0.3700



63.4248, 0.2688, 0.3076



63.4248, 0.3332, 0.3098

Complementary

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



63.4248, 0.3367, 0.3700



45.0994, 0.2866, 0.2846

Split Complementary

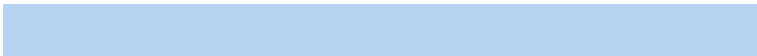
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.4248, 0.3099, 0.2962



63.4248, 0.3367, 0.3700



63.4248, 0.2734, 0.2943

Square

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



63.4248, 0.3367, 0.3700



63.4248, 0.2755, 0.3277



63.4248, 0.2882, 0.2905



63.4248, 0.3513, 0.3284

Rectangle

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



63.4248, 0.3367, 0.3700



63.4248, 0.2989, 0.3554



63.4248, 0.2882, 0.2905



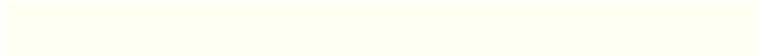
63.4248, 0.3257, 0.3046

Sweetspot

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



63.4276, 0.3367, 0.3700



99.1395, 0.3199, 0.3413



48.2654, 0.3440, 0.3298



21.1950, 0.3209, 0.3430



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.



63.4276, 0.3367, 0.3700



96.8750, 0.3420, 0.3792



61.0476, 0.3234, 0.3718



13.7804, 0.3262, 0.3520



35.9745, 0.4146, 0.5090



2.0168, 0.4155, 0.5083

Inverse Universe

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



45.0994, 0.2866, 0.2846



63.4419, 0.2801, 0.2737



47.2366, 0.3005, 0.2864



11.4329, 0.2986, 0.3050



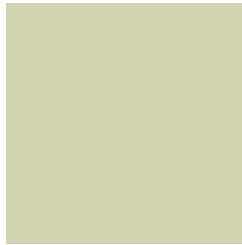
2.8682, 0.1510, 0.0605



0.1659, 0.1540, 0.0622

Previews

White Background



This preview shows how the Yxy color 63.4248, 0.3367, 0.3700 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 63.4248, 0.3367, 0.3700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

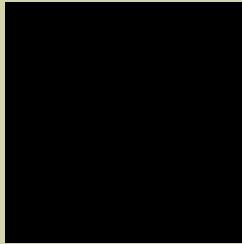
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

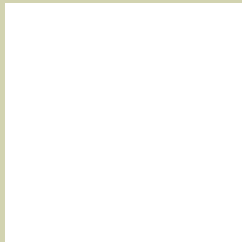
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.4248, 0.3367, 0.3700

Background



This preview shows how black text looks on a background with the Yxy color 63.4248, 0.3367, 0.3700.



This preview shows how white text looks on a background with the Yxy color 63.4248, 0.3367, 0.3700.

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

63.4248, 0.3367, 0.3700

Protanopia

63.4225, 0.3460, 0.3669

Deuteranopia

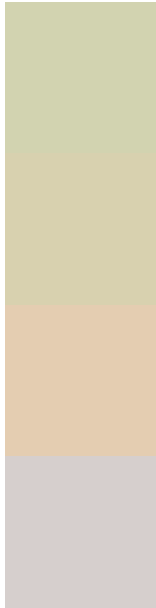
63.3384, 0.3608, 0.3542



Tritanopia

63.4820, 0.3098, 0.3112

Trichromacy



Original Color

63.4248, 0.3367, 0.3700

Protanomaly

63.2950, 0.3425, 0.3684

Deuteranomaly

63.3309, 0.3516, 0.3605

Tritanomaly

63.3296, 0.3194, 0.3313

Monochromacy



Original Color

63.4248, 0.3367, 0.3700

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.5072, 0.3212, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4248, 0.3367, 0.3700 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, 211, 176)` looks like.

```
.text, #text, p{  
    color:rgb(210, 211, 176)  
}
```

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, 211, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 211, 176) }
```

Border

The CSS property to change the border of an element to Yxy 63.4248, 0.3367, 0.3700 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, 211, 176) }
```

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

```
.border{ border-color:rgb(210, 211, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 211, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 211, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 211, 176);  
box-shadow:4px 4px 4px 4px rgb(210, 211,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4248, 0.3367, 0.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 211, 176) }
```

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

```
.background{ background-color: rgb(210,  
211, 176) }
```

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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