

Converting Colors

Yxy(64.0658, 0.3369, 0.3678)

Have a look what the booklet for
Yxy(64.0658, 0.3369, 0.3678)
contains.

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Color

Yxy(63.7999, 0.3368, 0.3674)

Conversions

Conversions Part 1

Format	Color
Hex	D4D3B2
RGB	212, 211, 178
RGB Percent	83%, 83%, 70%
CMY	0.1686, 0.1726, 0.3018
CMYK	0.00, 0.00, 0.16, 0.17
HSL	58°, 28%, 76%
HSV	58°, 16%, 83%
XYZ	58.4861, 63.7999, 51.3664
YIQ	207.5370, 11.1890, -10.0510

Conversions

Conversions Part 2

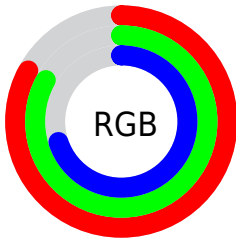
Format	Color
RYB	179, 212, 178
Decimal	13947826
CIELab	83.86, -5.16, 16.48
CIELCh	84, 17.270, 107.376
Yxy	63.7999, 0.3368, 0.3674
Android (android.graphics.Color)	4292137906 (0xFFD4D3B2)
YUV	207.5370, -14.5617, 3.9141
Hunter-Lab	79.8748, -9.0793, 17.7838

Details

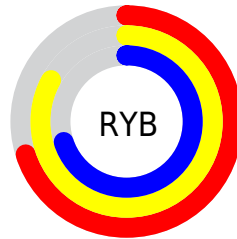
The Yxy color $63.7999, 0.3368, 0.3674$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $46.4796, 0.2869, 0.2875$, and the grayscale version is $62.8555, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.7205, 0.3250, 0.3493$, and $32.7627, 0.3426, 0.3784$ is the 20% darker color. If you saturate the color by 10%, you get $62.7025, 0.3522, 0.3918$, and if you desaturate by 10%, it is $65.0358, 0.3216, 0.3432$.

Distribution



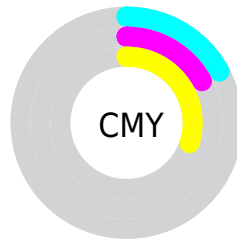
- Red (83%)
- Green (83%)
- Blue (70%)



- Red (70%)
- Yellow (83%)
- Blue (70%)



- Cyan (0%)
- Magenta (0%)
- Yellow (16%)
- Black (17%)





- Cyan (17%)
- Magenta (17%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.7999, 0.3368, 0.3674 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 63.7999, 0.3368, 0.3674 by changing the saturation by 10% instead.


 63.7999, 0.3368,
0.3674

 63.7999, 0.3368,
0.3674


438.4667, 0.3255,
0.3490

 46.4886, 0.3394,
0.3717

 110.3227, 0.3329,
0.3609

 32.6316, 0.3426,
0.3772


140.3030, 0.3313,
0.3584

 21.8444, 0.3467,
0.3842


175.2752, 0.3300,
0.3563

 13.7426, 0.3521,
0.3936

215.6235, 0.3289,
0.3544

 7.9418, 0.3594,
0.4067

261.7324, 0.3279,
0.3528

 4.0578, 0.3698,
0.4263

313.9863, 0.3270,

 1.7059, 0.3920,

0.3514

0.4663

372.7696, 0.3262,
0.3502

0.4275, 0.3961,
0.6039

0.0000, 0.0000,
0.0000

63.7999, 0.3368,
0.3674

63.7999, 0.3368,
0.3674

62.7025, 0.3522,
0.3918

65.0358, 0.3216,
0.3432

61.7291, 0.3674,
0.4157

66.4074, 0.3070,
0.3199

60.8761, 0.3818,
0.4382

67.9227, 0.2932,
0.2978

60.1363, 0.3948,
0.4582

69.0720, 0.2851,
0.2848

■ 59.5020, 0.4058,
0.4749

■ 69.3913, 0.2851,
0.2855

■ 58.9643, 0.4144,
0.4876

■ 69.7119, 0.2851,
0.2862

■ 58.5129, 0.4203,
0.4959

■ 70.0337, 0.2852,
0.2869

■ 58.1350, 0.4237,
0.5000

■ 70.3567, 0.2852,
0.2876

■ 57.9959, 0.4246,
0.5010

■ 70.6810, 0.2852,
0.2883

Harmonies

Analogous

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



63.7999, 0.3516, 0.3604



63.7999, 0.3368, 0.3674



63.7999, 0.3159, 0.3636

Triad

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



63.7999, 0.3368, 0.3674



63.7999, 0.2715, 0.3102



63.7999, 0.3303, 0.3097

Complementary

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



63.7999, 0.3368, 0.3674



46.4796, 0.2869, 0.2875

Split Complementary

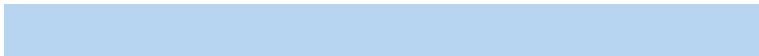
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.7999, 0.3084, 0.2973



63.7999, 0.3368, 0.3674



63.7999, 0.2750, 0.2970

Square

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



63.7999, 0.3368, 0.3674



63.7999, 0.2786, 0.3295



63.7999, 0.2882, 0.2926



63.7999, 0.3479, 0.3270

Rectangle

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



63.7999, 0.3368, 0.3674



63.7999, 0.3014, 0.3551



63.7999, 0.2882, 0.2926



63.7999, 0.3232, 0.3049

Sweetspot

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



63.8027, 0.3368, 0.3674



98.9638, 0.3202, 0.3409



49.1127, 0.3419, 0.3277



21.1521, 0.3212, 0.3426



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.



63.8027, 0.3368, 0.3674



96.3458, 0.3417, 0.3752



62.0648, 0.3243, 0.3701



14.4535, 0.3267, 0.3514



35.8270, 0.4246, 0.5011



2.1813, 0.4236, 0.5019

Inverse Universe

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



46.4796, 0.2869, 0.2875



65.5290, 0.2811, 0.2782



48.0613, 0.2995, 0.2877



12.0673, 0.2981, 0.3056



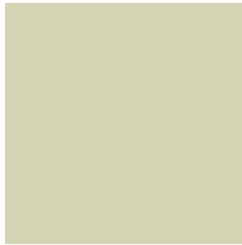
3.0450, 0.1506, 0.0620



0.2050, 0.1524, 0.0684

Previews

White Background



This preview shows how the Yxy color 63.7999, 0.3368, 0.3674 looks on a white background.

Color Contrast Check

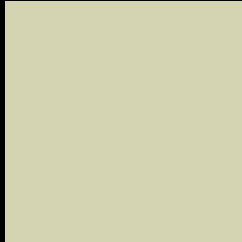
Large Text (above 18pt) WCAG AA × Fail

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 63.7999, 0.3368, 0.3674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

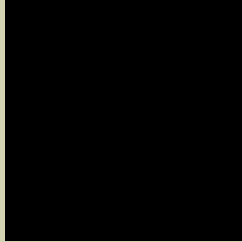
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

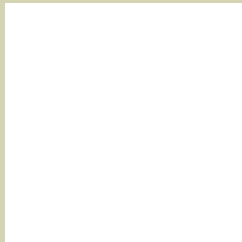
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.7999, 0.3368, 0.3674

Background



This preview shows how black text looks on a background with the Yxy color 63.7999, 0.3368, 0.3674.



This preview shows how white text looks on a background with the Yxy color 63.7999, 0.3368, 0.3674.

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

63.7999, 0.3368, 0.3674

Protanopia

63.5017, 0.3445, 0.3645

Deuteranopia

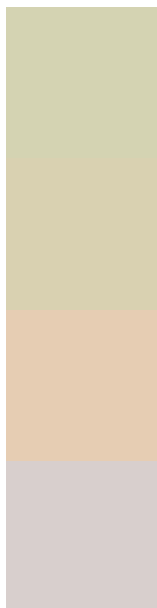
63.5938, 0.3601, 0.3520



Tritanopia

63.7885, 0.3113, 0.3113

Trichromacy



Original Color

63.7999, 0.3368, 0.3674

Protanomaly

63.5270, 0.3419, 0.3659

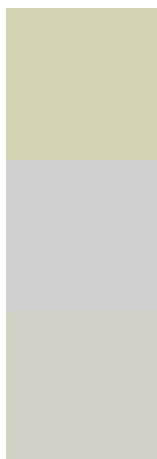
Deuteranomaly

63.7403, 0.3517, 0.3581

Tritanomaly

63.6324, 0.3210, 0.3313

Monochromacy



Original Color

63.7999, 0.3368, 0.3674

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.1875, 0.3211, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7999, 0.3368, 0.3674 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(212, 211, 178)` looks like.

```
.text, #text, p{  
    color:rgb(212, 211, 178)  
}
```

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(212, 211, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 211, 178) }
```

Border

The CSS property to change the border of an element to Yxy 63.7999, 0.3368, 0.3674 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(212, 211, 178) }
```

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

```
.border{ border-color:rgb(212, 211, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 211, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 211, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 211, 178);  
box-shadow:4px 4px 4px 4px rgb(212, 211,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7999, 0.3368, 0.3674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 211, 178) }
```

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

```
.background{ background-color: rgb(212,  
211, 178) }
```

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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