

Converting Colors

Yxy(63.5902, 0.3391, 0.3608)

Have a look what the booklet for
Yxy(63.5902, 0.3391, 0.3608)
contains.

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Color

Yxy(63.6888, 0.3389, 0.3612)

Conversions

Conversions Part 1

Format	Color
Hex	D9D1B5
RGB	217, 209, 181
RGB Percent	85%, 82%, 71%
CMY	0.1491, 0.1804, 0.2900
CMYK	0.00, 0.04, 0.17, 0.15
HSL	47°, 32%, 78%
HSV	47°, 17%, 85%
XYZ	59.7567, 63.6888, 52.8800
YIQ	208.2000, 13.7560, -7.0120

Conversions

Conversions Part 2

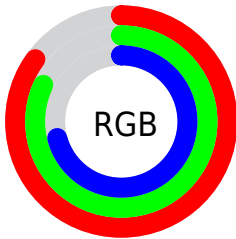
Format	Color
R_{YB}	191, 217, 181
Decimal	14274997
CIE _{Lab}	83.80, -1.85, 14.87
CIE _{LCh}	84, 14.982, 97.093
Yxy	63.6888, 0.3389, 0.3612
Android (android.graphics.Color)	4292465077 (0xFFD9D1B5)
YUV	208.2000, -13.4096, 7.7176
Hunter-Lab	79.8053, -6.0016, 16.5773

Details

The Yxy color **63.6888, 0.3389, 0.3612** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.2427, 0.2863, 0.2946**, and the grayscale version is **63.2972, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **32.6826, 0.3455, 0.3700** is the 20% darker color. If you saturate the color by 10%, you get **60.5398, 0.3562, 0.3814**, and if you desaturate by 10%, it is **67.0537, 0.3227, 0.3415**.

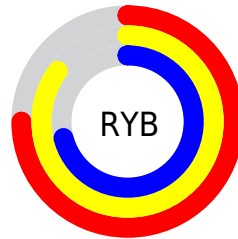
Distribution



Red (85%)

Green (82%)

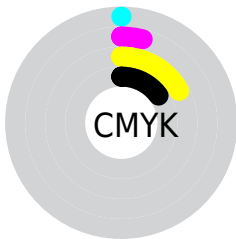
Blue (71%)



Red (75%)

Yellow (85%)

Blue (71%)

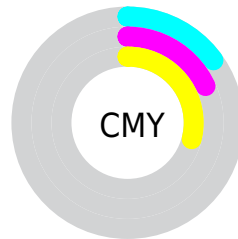


Cyan (0%)

Magenta (4%)

Yellow (17%)

Black (15%)



Cyan (15%)


Magenta (18%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.6888, 0.3389, 0.3612 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 63.6888, 0.3389, 0.3612 by changing the saturation by 10% instead.


 63.6888, 0.3389,
0.3612

 63.6888, 0.3389,
0.3612

438.0650, 0.3265,
0.3459

 46.3987, 0.3418,
0.3648

 110.1626, 0.3346,
0.3558

 32.5605, 0.3454,
0.3693


140.1151, 0.3329,
0.3537

 21.7900, 0.3500,
0.3751


175.0572, 0.3315,
0.3520

 13.7027, 0.3560,
0.3828

215.3732, 0.3302,
0.3504

 7.9142, 0.3644,
0.3934

261.4476, 0.3291,
0.3491

 4.0401, 0.3765,
0.4093

313.6648, 0.3282,

 1.6960, 0.3994,

0.3479

0.4389

372.4091, 0.3273,
0.3468

0.4211, 0.4575,
0.5425

0.0000, 0.0000,
0.0000

63.6888, 0.3389,
0.3612

63.6888, 0.3389,
0.3612

60.5398, 0.3562,
0.3814

67.0537, 0.3227,
0.3415

57.5913, 0.3742,
0.4014

70.6326, 0.3077,
0.3227

54.8385, 0.3924,
0.4205

74.4346, 0.2941,
0.3049

52.2732, 0.4103,
0.4377

77.6112, 0.2890,
0.3011

■ 49.8865, 0.4270,
0.4519

■ 80.3039, 0.2892,
0.3062

■ 47.6682, 0.4416,
0.4622

■ 83.0711, 0.2893,
0.3113

■ 45.6067, 0.4537,
0.4679

■ 85.9134, 0.2895,
0.3163

■ 43.6874, 0.4627,
0.4689

■ 88.8314, 0.2897,
0.3213

■ 43.0526, 0.4655,
0.4686

■ 91.8256, 0.2899,
0.3263

Harmonies

Analogous

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



63.6888, 0.3488, 0.3525



63.6888, 0.3389, 0.3612



63.6888, 0.3221, 0.3611

Triad

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



63.6888, 0.3389, 0.3612



63.6888, 0.2779, 0.3182



63.6888, 0.3217, 0.3079

Complementary

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



63.6888, 0.3389, 0.3612



51.2427, 0.2863, 0.2946

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.



63.6888, 0.3026, 0.2991



63.6888, 0.3389, 0.3612



63.6888, 0.2778, 0.3044

Square

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



63.6888, 0.3389, 0.3612



63.6888, 0.2870, 0.3356



63.6888, 0.2866, 0.2977



63.6888, 0.3388, 0.3219

Rectangle

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



63.6888, 0.3389, 0.3612



63.6888, 0.3093, 0.3557



63.6888, 0.2866, 0.2977



63.6888, 0.3153, 0.3042

Sweetspot

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



63.6916, 0.3389, 0.3612



97.4126, 0.3203, 0.3386



51.5066, 0.3370, 0.3192



20.7739, 0.3214, 0.3399



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.



63.6916, 0.3389, 0.3612



90.1253, 0.3450, 0.3685



66.2813, 0.3302, 0.3709



14.7477, 0.3272, 0.3471



26.2281, 0.4647, 0.4693



1.8226, 0.4558, 0.4763

Inverse Universe

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



51.2427, 0.2863, 0.2946



68.8242, 0.2800, 0.2862



49.1009, 0.2933, 0.2855



13.0838, 0.2981, 0.3103



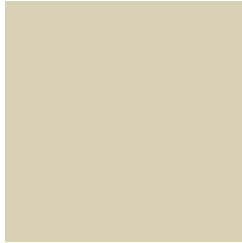
4.4515, 0.1567, 0.0841



0.4177, 0.1652, 0.1147

Previews

White Background



This preview shows how the Yxy color 63.6888, 0.3389, 0.3612 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 63.6888, 0.3389, 0.3612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

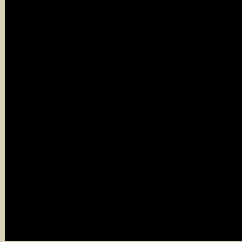
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

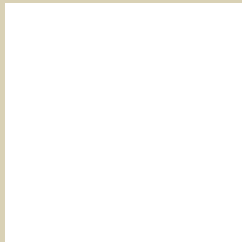
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.6888, 0.3389, 0.3612

Background



This preview shows how black text looks on a background with the Yxy color 63.6888, 0.3389, 0.3612.



This preview shows how white text looks on a background with the Yxy color 63.6888, 0.3389, 0.3612.

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

63.6888, 0.3389, 0.3612

Protanopia

63.5080, 0.3407, 0.3600

Deuteranopia

63.5429, 0.3569, 0.3487



Tritanopia

63.8826, 0.3151, 0.3114

Trichromacy



Original Color

63.6888, 0.3389, 0.3612

Protanomaly

63.3534, 0.3399, 0.3601

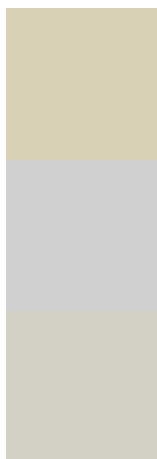
Deuteranomaly

63.5521, 0.3504, 0.3536

Tritanomaly

63.8145, 0.3234, 0.3290

Monochromacy



Original Color

63.6888, 0.3389, 0.3612

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.0379, 0.3221, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6888, 0.3389, 0.3612 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(217, 209, 181)` looks like.

```
.text, #text, p{  
    color:rgb(217, 209, 181)  
}
```

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(217, 209, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 209, 181) }
```

Border

The CSS property to change the border of an element to Yxy 63.6888, 0.3389, 0.3612 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(217, 209, 181) }
```

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

```
.border{ border-color:rgb(217, 209, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 209, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 209, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 209, 181);  
box-shadow:4px 4px 4px 4px rgb(217, 209,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6888, 0.3389, 0.3612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 209, 181) }
```

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

```
.background{ background-color: rgb(217,  
209, 181) }
```

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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