

Converting Colors

Yxy(61.8023, 0.3326, 0.3709)

Have a look what the booklet for
Yxy(61.8023, 0.3326, 0.3709)
contains.

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Color

Yxy(61.8848, 0.3321, 0.3708)

Conversions

Conversions Part 1

Format	Color
Hex	CBD2AF
RGB	203, 210, 175
RGB Percent	80%, 82%, 69%
CMY	0.2037, 0.1765, 0.3137
CMYK	0.03, 0.00, 0.17, 0.18
HSL	72°, 28%, 75%
HSV	72°, 17%, 82%
XYZ	55.4259, 61.8848, 49.5846
YIQ	203.9170, 7.0630, -12.3690

Conversions

Conversions Part 2

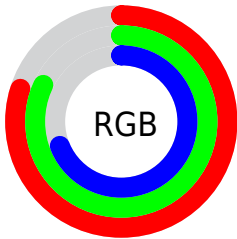
Format	Color
RYB	175, 210, 182
Decimal	13357743
CIELab	82.85, -8.36, 16.56
CIELCh	83, 18.552, 116.775
Yxy	61.8848, 0.3321, 0.3708
Android (android.graphics.Color)	4291547823 (0xFFCBD2AF)
YUV	203.9170, -14.2561, -0.8042
Hunter-Lab	78.6669, -11.9022, 17.6957

Details

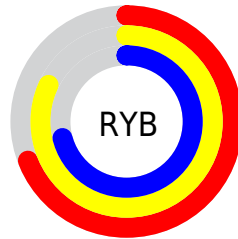
The Yxy color **61.8848, 0.3321, 0.3708** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.2527, 0.2913, 0.2851**, and the grayscale version is **60.4239, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **31.5716, 0.3373, 0.3831** is the 20% darker color. If you saturate the color by 10%, you get **60.5493, 0.3437, 0.3972**, and if you desaturate by 10%, it is **63.3697, 0.3204, 0.3453**.

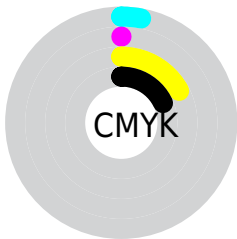
Distribution



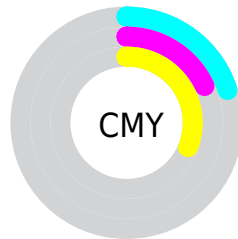
- Red (80%)
- Green (82%)
- Blue (69%)



- Red (69%)
- Yellow (82%)
- Blue (71%)



- Cyan (3%)
- Magenta (0%)
- Yellow (17%)
- Black (18%)



- Cyan (20%)
- Magenta (18%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8848, 0.3321, 0.3708 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 61.8848, 0.3321, 0.3708 by changing the saturation by 10% instead.

61.8848, 0.3321,
0.3708

61.8848, 0.3321,
0.3708

431.5108, 0.3231,
0.3506

44.9396, 0.3342,
0.3756

107.5590, 0.3290,
0.3636

31.4099, 0.3367,
0.3818

137.0568, 0.3277,
0.3609

20.9112, 0.3400,
0.3897

171.5077, 0.3267,
0.3585

13.0591, 0.3442,
0.4004

211.2959, 0.3258,
0.3565

7.4692, 0.3498,
0.4156

256.8059, 0.3250,
0.3547

3.7573, 0.3576,
0.4387

308.4222, 0.3242,

1.5387, 0.3808,

0.3532

0.4937

366.5290, 0.3236,
0.3518

0.3157, 0.2333,
0.7667

0.0000, 0.0000,
0.0000

61.8848, 0.3321,
0.3708

61.8848, 0.3321,
0.3708

60.5493, 0.3437,
0.3972

63.3697, 0.3204,
0.3453

59.3490, 0.3549,
0.4236

65.0015, 0.3089,
0.3211

58.2802, 0.3650,
0.4493

66.7882, 0.2980,
0.2985

57.3358, 0.3736,
0.4731

68.4744, 0.2901,
0.2817

■ 56.5078, 0.3802,
0.4938

■ 69.1300, 0.2929,
0.2821

■ 55.7876, 0.3844,
0.5107

■ 69.8018, 0.2958,
0.2825

■ 55.1649, 0.3859,
0.5231

■ 70.4900, 0.2986,
0.2829

■ 54.6263, 0.3850,
0.5309

■ 71.1946, 0.3015,
0.2833

■ 54.4571, 0.3844,
0.5330

■ 71.9159, 0.3045,
0.2837

Harmonies

Analogous

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



61.8848, 0.3509, 0.3665



61.8848, 0.3321, 0.3708



61.8848, 0.3086, 0.3629

Triad

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



61.8848, 0.3321, 0.3708



61.8848, 0.2680, 0.3032



61.8848, 0.3386, 0.3136

Complementary

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



61.8848, 0.3321, 0.3708



45.2527, 0.2913, 0.2851

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.



61.8848, 0.3155, 0.2982



61.8848, 0.3321, 0.3708



61.8848, 0.2753, 0.2918

Square

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



61.8848, 0.3321, 0.3708



61.8848, 0.2721, 0.3225



61.8848, 0.2924, 0.2902



61.8848, 0.3550, 0.3331

Rectangle

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



61.8848, 0.3321, 0.3708



61.8848, 0.2935, 0.3516



61.8848, 0.2924, 0.2902



61.8848, 0.3314, 0.3078

Sweetspot

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



61.8875, 0.3321, 0.3708



98.7302, 0.3185, 0.3413



50.0145, 0.3430, 0.3369



21.0952, 0.3194, 0.3431



0.0000, 0.0000, 0.0000



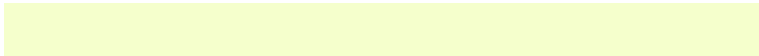
21.4041, 0.3127, 0.3290

Same Dimension

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



61.8875, 0.3321, 0.3708



95.2747, 0.3363, 0.3801



59.6321, 0.3189, 0.3725



13.6745, 0.3236, 0.3522



33.2654, 0.3850, 0.5325



1.8908, 0.3916, 0.5273

Inverse Universe

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



45.2527, 0.2913, 0.2851



64.7165, 0.2860, 0.2746



47.4456, 0.3053, 0.2869



11.5288, 0.3012, 0.3052



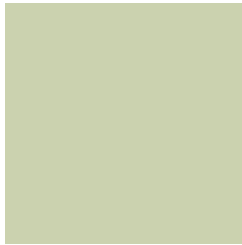
3.1670, 0.1601, 0.0656



0.2108, 0.1776, 0.0752

Previews

White Background



This preview shows how the Yxy color 61.8848, 0.3321, 0.3708 looks on a white background.

Color Contrast Check

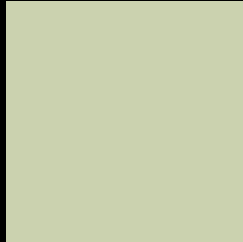
Large Text (above 18pt) WCAG AA × Fail

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 61.8848, 0.3321, 0.3708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

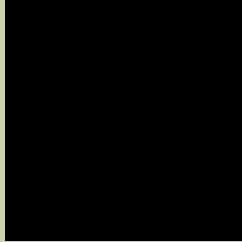
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

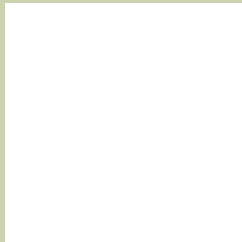
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8848, 0.3321, 0.3708

Background



This preview shows how black text looks on a background with the Yxy color 61.8848, 0.3321, 0.3708.



This preview shows how white text looks on a background with the Yxy color 61.8848, 0.3321, 0.3708.

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

61.8848, 0.3321, 0.3708

Protanopia

61.9115, 0.3455, 0.3673

Deuteranopia

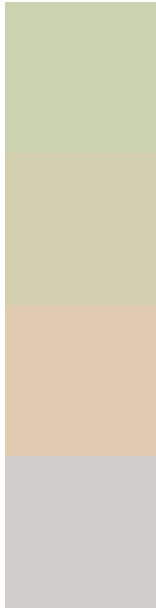
61.3954, 0.3599, 0.3523



Tritanopia

61.9083, 0.3053, 0.3108

Trichromacy



Original Color

61.8848, 0.3321, 0.3708

Protanomaly

61.6787, 0.3405, 0.3677

Deuteranomaly

61.2229, 0.3498, 0.3587

Tritanomaly

61.7676, 0.3149, 0.3313

Monochromacy



Original Color

61.8848, 0.3321, 0.3708

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.8302, 0.3204, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8848, 0.3321, 0.3708 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, 210, 175)` looks like.

```
.text, #text, p{  
    color:rgb(203, 210, 175)  
}
```

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, 210, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 210, 175) }
```

Border

The CSS property to change the border of an element to Yxy 61.8848, 0.3321, 0.3708 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, 210, 175) }
```

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

```
.border{ border-color:rgb(203, 210, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 210, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 210, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 210, 175);  
box-shadow:4px 4px 4px 4px rgb(203, 210,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8848, 0.3321, 0.3708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 210, 175) }
```

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

```
.background{ background-color: rgb(203,  
210, 175) }
```

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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