

Converting Colors

Yxy(57.4687, 0.3410, 0.3672)

Have a look what the booklet for
Yxy(57.4687, 0.3410, 0.3672)
contains.

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Color

Yxy(57.2949, 0.3407, 0.3664)

Conversions

Conversions Part 1

Format	Color
Hex	CEC8A9
RGB	206, 200, 169
RGB Percent	81%, 78%, 66%
CMY	0.1921, 0.2157, 0.3371
CMYK	0.00, 0.03, 0.18, 0.19
HSL	50°, 27%, 74%
HSV	50°, 18%, 81%
XYZ	53.2761, 57.2949, 45.8015
YIQ	198.2600, 13.5270, -8.3690

Conversions

Conversions Part 2

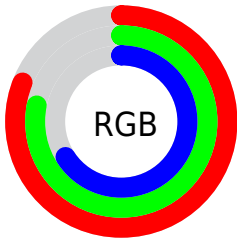
Format	Color
RYB	176, 206, 169
Decimal	13551785
CIELab	80.35, -3.02, 16.26
CIELCh	80, 16.537, 100.536
Yxy	57.2949, 0.3407, 0.3664
Android (android.graphics.Color)	4291741865 (0xFFCEC8A9)
YUV	198.2600, -14.4252, 6.7880
Hunter-Lab	75.6934, -6.8278, 17.1094

Details

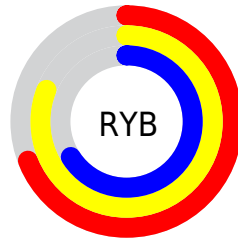
The Yxy color **57.2949, 0.3407, 0.3664** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **43.5784, 0.2838, 0.2886**, and the grayscale version is **56.7258, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1618, 0.3310, 0.3592**, and **28.4214, 0.3472, 0.3759** is the 20% darker color. If you saturate the color by 10%, you get **55.0455, 0.3574, 0.3879**, and if you desaturate by 10%, it is **59.7054, 0.3247, 0.3453**.

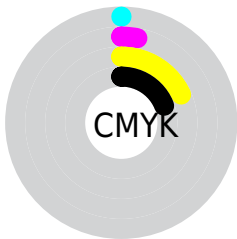
Distribution



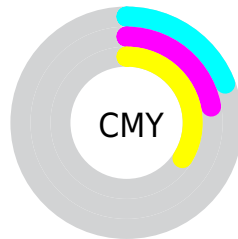
- Red (81%)
- Green (78%)
- Blue (66%)



- Red (69%)
- Yellow (81%)
- Blue (66%)



- Cyan (0%)
- Magenta (3%)
- Yellow (18%)
- Black (19%)





- Cyan (19%)
- Magenta (22%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2949, 0.3407, 0.3664 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 57.2949, 0.3407, 0.3664 by changing the saturation by 10% instead.


 57.2949, 0.3407,
0.3664

 57.2949, 0.3407,
0.3664


414.5534, 0.3273,
0.3482

 41.2421, 0.3439,
0.3708


 100.8954, 0.3359,
0.3599

 28.5083, 0.3479,
0.3763


129.2118, 0.3341,
0.3575

 18.7092, 0.3530,
0.3834


162.3848, 0.3326,
0.3554

 11.4603, 0.3598,
0.3931


200.7989, 0.3312,
0.3535

 6.3773, 0.3694,
0.4068

244.8384, 0.3300,
0.3520

 3.0759, 0.3833,
0.4276

294.8877, 0.3290,

 1.1715, 0.4448,

0.3506

0.5074

351.3313, 0.3281,
0.3493

0.0382, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.2949, 0.3407,
0.3664

57.2949, 0.3407,
0.3664

55.0455, 0.3574,
0.3879

59.7054, 0.3247,
0.3453

52.9438, 0.3745,
0.4090

62.2750, 0.3097,
0.3249

50.9859, 0.3914,
0.4289

65.0114, 0.2959,
0.3057

49.1648, 0.4074,
0.4467

67.9196, 0.2833,
0.2878

■ 47.4730, 0.4219,
0.4612

■ 69.8575, 0.2814,
0.2879

■ 45.9016, 0.4341,
0.4718

■ 71.6034, 0.2816,
0.2916

■ 44.4407, 0.4436,
0.4778

■ 73.3848, 0.2818,
0.2953

■ 43.0755, 0.4503,
0.4795

■ 75.2017, 0.2820,
0.2990

■ 42.8035, 0.4516,
0.4796

■ 77.0543, 0.2823,
0.3026

Harmonies

Analogous

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



57.2949, 0.3533, 0.3573



57.2949, 0.3407, 0.3664



57.2949, 0.3208, 0.3652

Triad

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



57.2949, 0.3407, 0.3664



57.2949, 0.2725, 0.3144



57.2949, 0.3254, 0.3065

Complementary

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



57.2949, 0.3407, 0.3664



43.5784, 0.2838, 0.2886

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.



57.2949, 0.3035, 0.2957



57.2949, 0.3407, 0.3664



57.2949, 0.2735, 0.2996

Square

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



57.2949, 0.3407, 0.3664



57.2949, 0.2818, 0.3342



57.2949, 0.2847, 0.2931



57.2949, 0.3444, 0.3229

Rectangle

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



57.2949, 0.3407, 0.3664



57.2949, 0.3063, 0.3582



57.2949, 0.2847, 0.2931



57.2949, 0.3181, 0.3022

Sweetspot

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



57.2974, 0.3407, 0.3664



97.8875, 0.3203, 0.3393



44.6154, 0.3416, 0.3214



20.8896, 0.3214, 0.3407



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.



57.2974, 0.3407, 0.3664



91.2048, 0.3478, 0.3757



58.4482, 0.3296, 0.3747



12.7733, 0.3270, 0.3483



26.4710, 0.4510, 0.4801



1.4508, 0.4438, 0.4858

Inverse Universe

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



43.5784, 0.2838, 0.2886



64.4801, 0.2761, 0.2776



42.7123, 0.2936, 0.2819



11.1344, 0.2982, 0.3090



3.5282, 0.1542, 0.0750



0.2769, 0.1631, 0.1071

Previews

White Background



This preview shows how the Yxy color 57.2949, 0.3407, 0.3664 looks on a white background.

Color Contrast Check

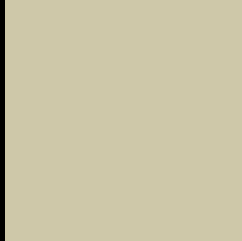
Large Text (above 18pt) WCAG AA × Fail

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 57.2949, 0.3407, 0.3664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

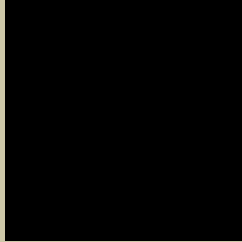
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

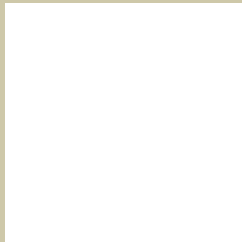
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.2949, 0.3407, 0.3664

Background



This preview shows how black text looks on a background with the Yxy color 57.2949, 0.3407, 0.3664.



This preview shows how white text looks on a background with the Yxy color 57.2949, 0.3407, 0.3664.

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

57.2949, 0.3407, 0.3664

Protanopia

57.3756, 0.3450, 0.3661

Deuteranopia

57.2976, 0.3605, 0.3530



Tritanopia

57.0856, 0.3144, 0.3106

Trichromacy



Original Color

57.2949, 0.3407, 0.3664

Protanomaly

57.2293, 0.3442, 0.3662

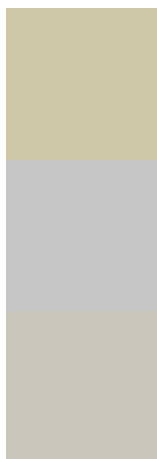
Deuteranomaly

57.3046, 0.3537, 0.3581

Tritanomaly

56.9753, 0.3239, 0.3302

Monochromacy



Original Color

57.2949, 0.3407, 0.3664

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.8522, 0.3231, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2949, 0.3407, 0.3664 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(206, 200, 169)` looks like.

```
.text, #text, p{  
    color:rgb(206, 200, 169)  
}
```

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(206, 200, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 200, 169) }
```

Border

The CSS property to change the border of an element to Yxy 57.2949, 0.3407, 0.3664 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(206, 200, 169) }
```

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

```
.border{ border-color:rgb(206, 200, 169) }
```

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

Here you see how a box with a 4 pixel rgb(206, 200, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 200, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 200, 169);  
box-shadow:4px 4px 4px 4px rgb(206, 200,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2949, 0.3407, 0.3664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 200, 169) }
```

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

```
.background{ background-color: rgb(206,  
200, 169) }
```

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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