

Converting Colors

Yxy(51.6792, 0.3404, 0.3612)

Have a look what the booklet for
Yxy(51.6792, 0.3404, 0.3612)
contains.

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Color

Yxy(51.6494, 0.3407, 0.3616)

Conversions

Conversions Part 1

Format	Color
Hex	C7BEA4
RGB	199, 190, 164
RGB Percent	78%, 75%, 64%
CMY	0.2197, 0.2549, 0.3569
CMYK	0.00, 0.05, 0.18, 0.22
HSL	45°, 24%, 71%
HSV	45°, 18%, 78%
XYZ	48.6641, 51.6494, 42.5222
YIQ	189.7270, 13.7100, -6.1780

Conversions

Conversions Part 2

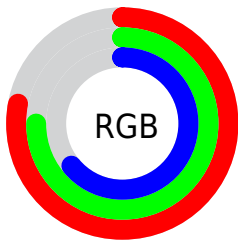
Format	Color
RYB	176, 199, 164
Decimal	13090468
CIELab	77.07, -1.17, 14.28
CIELCh	77, 14.325, 94.672
Yxy	51.6494, 0.3407, 0.3616
Android (android.graphics.Color)	4291280548 (0xFFC7BEA4)
YUV	189.7270, -12.6834, 8.1324
Hunter-Lab	71.8675, -4.8993, 15.2269

Details

The Yxy color **51.6494, 0.3407, 0.3616** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.8900, 0.2848, 0.2941**, and the grayscale version is **51.3956, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2860, 0.3352, 0.3556**, and **25.0809, 0.3486, 0.3713** is the 20% darker color. If you saturate the color by 10%, you get **48.8153, 0.3583, 0.3809**, and if you desaturate by 10%, it is **54.6780, 0.3243, 0.3428**.

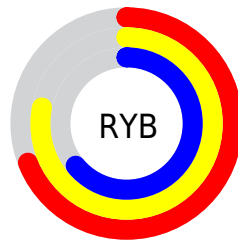
Distribution



Red (78%)

Green (75%)

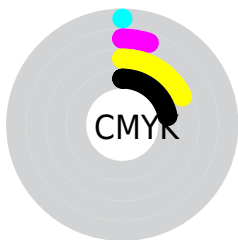
Blue (64%)



Red (69%)

Yellow (78%)

Blue (64%)

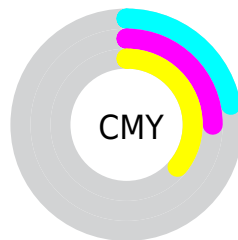


Cyan (0%)

Magenta (5%)

Yellow (18%)

Black (22%)



Cyan (22%)


Magenta (25%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.6494, 0.3407, 0.3616 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 51.6494, 0.3407, 0.3616 by changing the saturation by 10% instead.


 51.6494, 0.3407,
0.3616


 51.6494, 0.3407,
0.3616


393.0816, 0.3270,
0.3456

 36.7257, 0.3440,
0.3655


 92.6140, 0.3358,
0.3558

 24.9952, 0.3483,
0.3705


 119.4236, 0.3339,
0.3536

 16.0735, 0.3538,
0.3771


150.9641, 0.3323,
0.3518

 9.5762, 0.3613,
0.3860

187.6197, 0.3310,
0.3502

 5.1189, 0.3721,
0.3990

229.7748, 0.3298,
0.3488

 2.3172, 0.3887,
0.4191

277.8139, 0.3287,

 0.7828, 0.4776,

0.3476

0.5224

332.1214, 0.3278,
0.3465

0.0000, 0.0000,
0.0000

51.6494, 0.3407,
0.3616

51.6494, 0.3407,
0.3616

48.8153, 0.3583,
0.3809

54.6780, 0.3243,
0.3428

46.1629, 0.3768,
0.4000

57.8999, 0.3092,
0.3247

43.6880, 0.3957,
0.4183

61.3227, 0.2955,
0.3078

41.3837, 0.4144,
0.4346

64.9515, 0.2831,
0.2921

39.2423, 0.4321,
0.4480

68.2325, 0.2768,
0.2860

■ 37.2553, 0.4479,
0.4574

■ 70.8813, 0.2772,
0.2917

■ 35.4129, 0.4611,
0.4622

■ 73.6120, 0.2776,
0.2974

■ 33.7013, 0.4713,
0.4624

■ 76.4253, 0.2781,
0.3030

■ 33.3023, 0.4736,
0.4621

■ 79.3220, 0.2785,
0.3086

Harmonies

Analogous

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



51.6494, 0.3502, 0.3520



51.6494, 0.3407, 0.3616



51.6494, 0.3238, 0.3623

Triad

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



51.6494, 0.3407, 0.3616



51.6494, 0.2775, 0.3192



51.6494, 0.3203, 0.3064

Complementary

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



51.6494, 0.3407, 0.3616



41.8900, 0.2848, 0.2941

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.



51.6494, 0.3008, 0.2979



51.6494, 0.3407, 0.3616



51.6494, 0.2765, 0.3047

Square

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



51.6494, 0.3407, 0.3616



51.6494, 0.2875, 0.3372



51.6494, 0.2849, 0.2972



51.6494, 0.3382, 0.3204

Rectangle

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



51.6494, 0.3407, 0.3616



51.6494, 0.3108, 0.3573



51.6494, 0.2849, 0.2972



51.6494, 0.3137, 0.3028

Sweetspot

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



51.6517, 0.3407, 0.3616



97.1368, 0.3204, 0.3381



41.7183, 0.3376, 0.3172



20.7067, 0.3215, 0.3394



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.



51.6517, 0.3407, 0.3616



88.5650, 0.3471, 0.3688



54.5741, 0.3321, 0.3732



11.9386, 0.3271, 0.3461



21.5643, 0.4727, 0.4629



1.1327, 0.4593, 0.4735

Inverse Universe

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



41.8900, 0.2848, 0.2941



68.3959, 0.2783, 0.2858



39.4597, 0.2911, 0.2827



10.7224, 0.2983, 0.3113



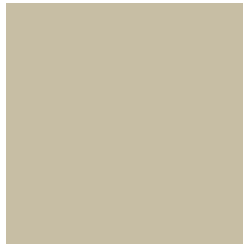
4.2978, 0.1588, 0.0916



0.3243, 0.1705, 0.1338

Previews

White Background



This preview shows how the Yxy color 51.6494, 0.3407, 0.3616 looks on a white background.

Color Contrast Check

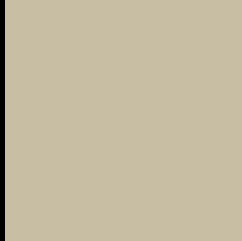
Large Text (above 18pt) WCAG AA × Fail

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 51.6494, 0.3407, 0.3616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

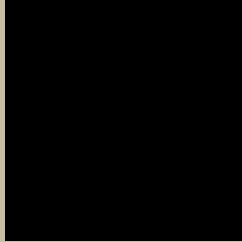
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.6494, 0.3407, 0.3616

Background



This preview shows how black text looks on a background with the Yxy color 51.6494, 0.3407, 0.3616.

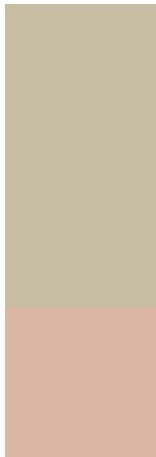


This preview shows how white text looks on a background with the Yxy color 51.6494, 0.3407, 0.3616.

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

51.6494, 0.3407, 0.3616

Protanopia

51.7866, 0.3416, 0.3615

Deuteranopia

51.4890, 0.3584, 0.3505



Tritanopia

51.6588, 0.3177, 0.3122

Trichromacy



Original Color

51.6494, 0.3407, 0.3616

Protanomaly

51.7866, 0.3416, 0.3615

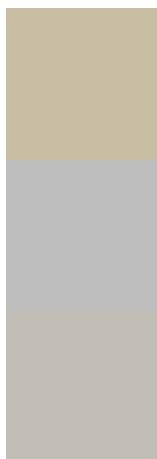
Deuteranomaly

51.6833, 0.3513, 0.3545

Tritanomaly

51.6424, 0.3261, 0.3303

Monochromacy



Original Color

51.6494, 0.3407, 0.3616

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.5006, 0.3221, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6494, 0.3407, 0.3616 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(199, 190, 164)` looks like.

```
.text, #text, p{  
    color:rgb(199, 190, 164)  
}
```

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(199, 190, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 190, 164) }
```

Border

The CSS property to change the border of an element to Yxy 51.6494, 0.3407, 0.3616 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(199, 190, 164) }
```

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

```
.border{ border-color:rgb(199, 190, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 190, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 190, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 190, 164);  
box-shadow:4px 4px 4px 4px rgb(199, 190,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6494, 0.3407, 0.3616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 190, 164) }
```

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

```
.background{ background-color: rgb(199,  
190, 164) }
```

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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