

Converting Colors

$Yxy(44.8623, 0.3629, 0.3742)$

Have a look what the booklet for
Yxy(44.8623, 0.3629, 0.3742)
contains.

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Color

Yxy(44.9795, 0.3630, 0.3743)

Conversions

Conversions Part 1

Format	Color
Hex	C6B08D
RGB	198, 176, 141
RGB Percent	78%, 69%, 55%
CMY	0.2235, 0.3098, 0.4472
CMYK	0.00, 0.11, 0.29, 0.22
HSL	37°, 33%, 66%
HSV	37°, 29%, 78%
XYZ	43.6216, 44.9795, 31.5686
YIQ	178.5880, 24.3470, -6.2210

Conversions

Conversions Part 2

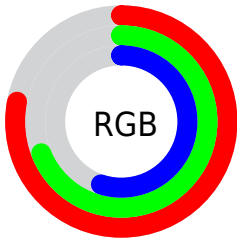
Format	Color
RYB	177, 198, 141
Decimal	13021325
CIELab	72.88, 2.58, 20.87
CIELCh	73, 21.026, 82.949
Yxy	44.9795, 0.3630, 0.3743
Android (android.graphics.Color)	4291211405 (0xFFC6B08D)
YUV	178.5880, -18.5309, 17.0243
Hunter-Lab	67.0668, -1.2668, 19.0387

Details

The Yxy color **44.9795, 0.3630, 0.3743** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.9221, 0.2661, 0.2790**, and the grayscale version is **44.9396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.9134, 0.3533, 0.3664**, and **21.0103, 0.3761, 0.3869** is the 20% darker color. If you saturate the color by 10%, you get **41.5321, 0.3838, 0.3905**, and if you desaturate by 10%, it is **48.7050, 0.3438, 0.3581**.

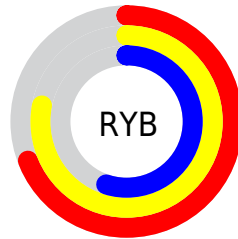
Distribution



Red (78%)

Green (69%)

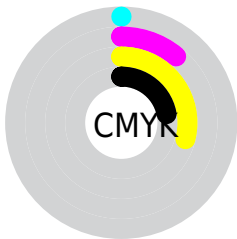
Blue (55%)



Red (69%)

Yellow (78%)

Blue (55%)

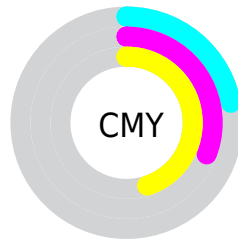


Cyan (0%)

Magenta (11%)

Yellow (29%)

Black (22%)



Cyan (22%)


Magenta (31%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.9795, 0.3630, 0.3743 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 44.9795, 0.3630, 0.3743 by changing the saturation by 10% instead.


 44.9795, 0.3630,
0.3743

 44.9795, 0.3630,
0.3743


366.6905, 0.3377,
0.3518

 31.4413, 0.3693,
0.3798

 82.6896, 0.3538,
0.3662

 20.9351, 0.3773,
0.3868


 107.6304, 0.3504,
0.3631

 13.0766, 0.3879,
0.3959


 137.1407, 0.3475,
0.3605

 7.4813, 0.4024,
0.4082

171.6051, 0.3450,
0.3583

 3.7649, 0.4233,
0.4254

211.4078, 0.3428,
0.3563

 1.5429, 0.4880,
0.4828

256.9334, 0.3409,

 0.3187, 0.5345,

0.3546

0.4655

308.5662, 0.3392,
0.3531

0.0000, 0.0000,
0.0000

44.9795, 0.3630,
0.3743

44.9795, 0.3630,
0.3743

41.5321, 0.3838,
0.3905

48.7050, 0.3438,
0.3581

38.3482, 0.4059,
0.4058

52.7102, 0.3265,
0.3423

35.4210, 0.4287,
0.4194

57.0048, 0.3110,
0.3273

32.7408, 0.4512,
0.4301

61.5958, 0.2971,
0.3132

30.2967, 0.4724,
0.4367

66.4900, 0.2849,
0.3001

■ 28.0767, 0.4909,
0.4384

■ 71.3828, 0.2767,
0.2930

■ 26.0627, 0.5064,
0.4352

■ 75.5290, 0.2774,
0.3015

■ 25.8338, 0.5082,
0.4347

■ 79.8614, 0.2780,
0.3098

■ 84.3823, 0.2786,
0.3181

Harmonies

Analogous

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



44.9795, 0.3720, 0.3550



44.9795, 0.3630, 0.3743



44.9795, 0.3404, 0.3821

Triad

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



44.9795, 0.3630, 0.3743



44.9795, 0.2636, 0.3240



44.9795, 0.3122, 0.2888

Complementary

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



44.9795, 0.3630, 0.3743



35.9221, 0.2661, 0.2790

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.



44.9795, 0.2838, 0.2802



44.9795, 0.3630, 0.3743



44.9795, 0.2568, 0.2988

Square

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



44.9795, 0.3630, 0.3743



44.9795, 0.2831, 0.3523



44.9795, 0.2640, 0.2834



44.9795, 0.3419, 0.3068

Rectangle

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



44.9795, 0.3630, 0.3743



44.9795, 0.3211, 0.3787



44.9795, 0.2640, 0.2834



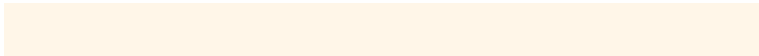
44.9795, 0.3021, 0.2847

Sweetspot

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



44.9816, 0.3630, 0.3743



93.0897, 0.3270, 0.3428



33.7196, 0.3505, 0.2993



19.6946, 0.3295, 0.3451



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.



44.9816, 0.3630, 0.3743



75.4900, 0.3768, 0.3852



53.5612, 0.3509, 0.4014



11.7032, 0.3274, 0.3432



16.9685, 0.5067, 0.4359



0.9408, 0.4839, 0.4540

Inverse Universe

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



35.9221, 0.2661, 0.2790



56.6921, 0.2545, 0.2652



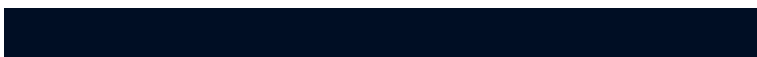
29.2903, 0.2676, 0.2474



10.9472, 0.2983, 0.3144



6.2019, 0.1677, 0.1238



0.4335, 0.1796, 0.1664

Previews

White Background



This preview shows how the Yxy color 44.9795, 0.3630, 0.3743 looks on a white background.

Color Contrast Check

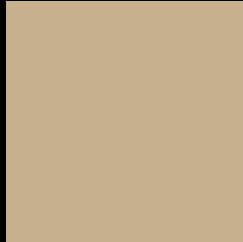
Large Text (above 18pt) WCAG AA × Fail

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 44.9795, 0.3630, 0.3743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

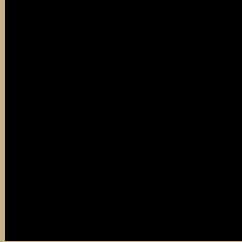
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9795, 0.3630, 0.3743

Background



This preview shows how black text looks on a background with the Yxy color 44.9795, 0.3630, 0.3743.



This preview shows how white text looks on a background with the Yxy color 44.9795, 0.3630, 0.3743.

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

44.9795, 0.3630, 0.3743

Protanopia

45.1403, 0.3536, 0.3779

Deuteranopia

45.0134, 0.3740, 0.3666



Tritanopia

44.8649, 0.3317, 0.3129

Trichromacy



Original Color

44.9795, 0.3630, 0.3743

Protanomaly

45.1312, 0.3567, 0.3762

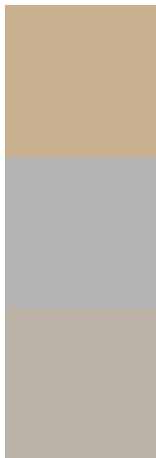
Deuteranomaly

44.8193, 0.3698, 0.3683

Tritanomaly

44.7497, 0.3428, 0.3341

Monochromacy



Original Color

44.9795, 0.3630, 0.3743

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.9965, 0.3305, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9795, 0.3630, 0.3743 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(198, 176, 141)` looks like.

```
.text, #text, p{  
    color:rgb(198, 176, 141)  
}
```

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(198, 176, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 176, 141) }
```

Border

The CSS property to change the border of an element to Yxy 44.9795, 0.3630, 0.3743 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(198, 176, 141) }
```

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

```
.border{ border-color:rgb(198, 176, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 176, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 176, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 176, 141);  
box-shadow:4px 4px 4px 4px rgb(198, 176,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9795, 0.3630, 0.3743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 176, 141) }
```

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

```
.background{ background-color: rgb(198,  
176, 141) }
```

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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