

Converting Colors

$Yxy(43.3986, 0.3665, 0.3517)$

Have a look what the booklet for
Yxy(43.3986, 0.3665, 0.3517)
contains.

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Color

Yxy(43.4727, 0.3661, 0.3518)

Conversions

Conversions Part 1

Format	Color
Hex	CFA896
RGB	207, 168, 150
RGB Percent	81%, 66%, 59%
CMY	0.1882, 0.3412, 0.4118
CMYK	0.00, 0.19, 0.28, 0.19
HSL	19°, 37%, 70%
HSV	19°, 28%, 81%
XYZ	45.2398, 43.4727, 34.8597
YIQ	177.6090, 29.0220, 2.6700

Conversions

Conversions Part 2

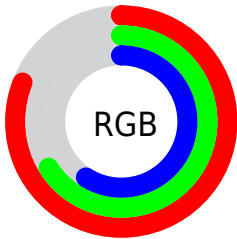
Format	Color
R _Y B	207, 176, 150
Decimal	13609110
CIE Lab	71.87, 11.62, 14.69
CIE LCh	72, 18.727, 51.653
Yxy	43.4727, 0.3661, 0.3518
Android (android.graphics.Color)	4291799190 (0xFFCFA896)
YUV	177.6090, -13.6112, 25.7759
Hunter-Lab	65.9338, 7.0916, 14.8066

Details

The Yxy color $43.4727, 0.3661, 0.3518$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $47.3818, 0.2705, 0.3049$, and the grayscale version is $44.3663, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.3950, 0.3489, 0.3484$, and $20.0670, 0.3826, 0.3580$ is the 20% darker color. If you saturate the color by 10%, you get $37.9183, 0.3921, 0.3605$, and if you desaturate by 10%, it is $49.7184, 0.3438, 0.3432$.

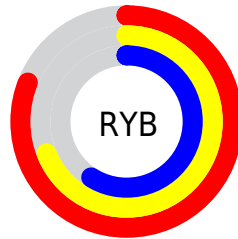
Distribution



Red (81%)

Green (66%)

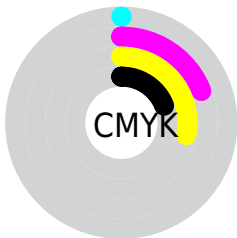
Blue (59%)



Red (81%)

Yellow (69%)

Blue (59%)

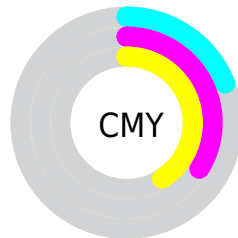


Cyan (0%)

Magenta (19%)

Yellow (28%)

Black (19%)



Cyan (19%)


Magenta (34%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4727, 0.3661, 0.3518 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 43.4727, 0.3661, 0.3518 by changing the saturation by 10% instead.


 43.4727, 0.3661,
0.3518


 43.4727, 0.3661,
0.3518


360.5521, 0.3389,
0.3408

 30.2562, 0.3730,
0.3544


 80.4237, 0.3561,
0.3479

 20.0331, 0.3820,
0.3576


 104.9270, 0.3524,
0.3464

 12.4191, 0.3941,
0.3617


133.9613, 0.3492,
0.3452

 7.0298, 0.4111,
0.3670

167.9110, 0.3466,
0.3441

 3.4807, 0.4367,
0.3738

207.1606, 0.3443,
0.3431

 1.3876, 0.4926,
0.3929

252.0943, 0.3422,

 0.2075, 0.6985,

0.3422

0.3015

303.0967, 0.3405,
0.3415

0.0000, 0.0000,
0.0000

43.4727, 0.3661,
0.3518

43.4727, 0.3661,
0.3518

37.9183, 0.3921,
0.3605

49.7184, 0.3438,
0.3432

33.0247, 0.4221,
0.3687

56.6725, 0.3250,
0.3349

28.7682, 0.4556,
0.3757

64.3588, 0.3090,
0.3271

25.1209, 0.4915,
0.3802

72.7985, 0.2956,
0.3200

22.0531, 0.5276,
0.3811

82.0116, 0.2842,
0.3135

■ 19.5316, 0.5606,
0.3774

■ 90.7184, 0.2842,
0.3268

■ 17.5179, 0.5875,
0.3691

■ 92.0055, 0.2844,
0.3289

■ 17.0910, 0.5935,
0.3669

Harmonies

Analogous

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



43.4727, 0.3585, 0.3296



43.4727, 0.3661, 0.3518



43.4727, 0.3587, 0.3694

Triad

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



43.4727, 0.3661, 0.3518



43.4727, 0.2870, 0.3510



43.4727, 0.2857, 0.2847

Complementary

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



43.4727, 0.3661, 0.3518



47.3818, 0.2705, 0.3049

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.



43.4727, 0.2681, 0.2882



43.4727, 0.3661, 0.3518



43.4727, 0.2688, 0.3257

Square

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



43.4727, 0.3661, 0.3518



43.4727, 0.3125, 0.3702



43.4727, 0.2621, 0.3028



43.4727, 0.3111, 0.2920

Rectangle

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



43.4727, 0.3661, 0.3518



43.4727, 0.3465, 0.3757



43.4727, 0.2621, 0.3028



43.4727, 0.2787, 0.2846

Sweetspot

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



43.4747, 0.3661, 0.3518



90.1718, 0.3259, 0.3353



38.7912, 0.3317, 0.2802



18.9233, 0.3286, 0.3366



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.



43.4747, 0.3661, 0.3518



64.3236, 0.3809, 0.3569



54.7674, 0.3574, 0.3846



12.4090, 0.3283, 0.3364



10.9190, 0.5910, 0.3689



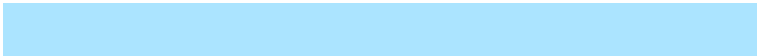
0.7523, 0.5547, 0.3978

Inverse Universe

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



47.3818, 0.2705, 0.3049



71.5780, 0.2618, 0.2990



36.6184, 0.2667, 0.2664



12.7509, 0.2983, 0.3215



15.1308, 0.1953, 0.2232



0.9850, 0.2014, 0.2449

Previews

White Background



This preview shows how the Yxy color 43.4727, 0.3661, 0.3518 looks on a white background.

Color Contrast Check

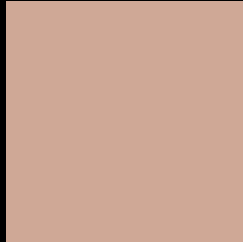
Large Text (above 18pt) WCAG AA × Fail

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 43.4727, 0.3661, 0.3518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

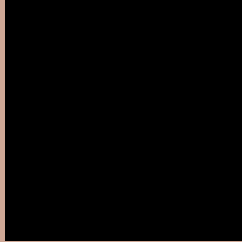
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4727, 0.3661, 0.3518

Background



This preview shows how black text looks on a background with the Yxy color 43.4727, 0.3661, 0.3518.



This preview shows how white text looks on a background with the Yxy color 43.4727, 0.3661, 0.3518.

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

43.4727, 0.3661, 0.3518

Protanopia

43.6980, 0.3394, 0.3585

Deuteranopia

43.6480, 0.3616, 0.3546



Tritanopia

43.4269, 0.3446, 0.3132

Trichromacy



Original Color

43.4727, 0.3661, 0.3518

Protanomaly

43.5245, 0.3485, 0.3553

Deuteranomaly

43.4153, 0.3629, 0.3533

Tritanomaly

43.2556, 0.3528, 0.3266

Monochromacy



Original Color

43.4727, 0.3661, 0.3518

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.9181, 0.3313, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4727, 0.3661, 0.3518 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(207, 168, 150)` looks like.

```
.text, #text, p{  
    color:rgb(207, 168, 150)  
}
```

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(207, 168, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 168, 150) }
```

Border

The CSS property to change the border of an element to Yxy 43.4727, 0.3661, 0.3518 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(207, 168, 150) }
```

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

```
.border{ border-color:rgb(207, 168, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 168, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 168, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 168, 150);  
box-shadow:4px 4px 4px 4px rgb(207, 168,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4727, 0.3661, 0.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 168, 150) }
```

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

```
.background{ background-color: rgb(207,  
168, 150) }
```

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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