

Converting Colors

Yxy(46.1439, 0.3607, 0.3620)

Have a look what the booklet for
Yxy(46.1439, 0.3607, 0.3620)
contains.

Yxy(46.0900, 0.3607, 0.3619)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(46.0900, 0.3607, 0.3619)

Conversions

Conversions Part 1

Format	Color
Hex	CCB096
RGB	204, 176, 150
RGB Percent	80%, 69%, 59%
CMY	0.1999, 0.3098, 0.4118
CMYK	0.00, 0.14, 0.26, 0.20
HSL	29°, 35%, 69%
HSV	29°, 26%, 80%
XYZ	45.9372, 46.0900, 35.3284
YIQ	181.4080, 25.0340, -2.1500

Conversions

Conversions Part 2

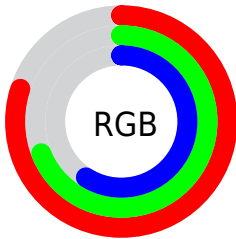
Format	Color
RYB	204, 200, 150
Decimal	13414550
CIELab	73.60, 6.16, 17.06
CIELCh	74, 18.137, 70.142
Yxy	46.0900, 0.3607, 0.3619
Android (android.graphics.Color)	4291604630 (0xFFCCB096)
YUV	181.4080, -15.4841, 19.8132
Hunter-Lab	67.8896, 1.9743, 16.6694

Details

The Yxy color **46.0900, 0.3607, 0.3619** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.6971, 0.2710, 0.2936**, and the grayscale version is **46.5184, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.3329, 0.3472, 0.3572**, and **21.7057, 0.3742, 0.3717** is the 20% darker color. If you saturate the color by 10%, you get **41.5006, 0.3834, 0.3749**, and if you desaturate by 10%, it is **51.1217, 0.3406, 0.3490**.

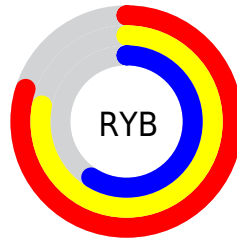
Distribution



Red (80%)

Green (69%)

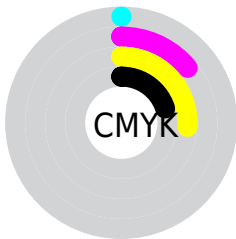
Blue (59%)



Red (80%)

Yellow (78%)

Blue (59%)

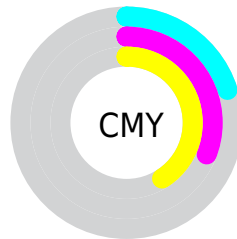


Cyan (0%)

Magenta (14%)

Yellow (26%)

Black (20%)



Cyan (20%)


Magenta (31%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.0900, 0.3607, 0.3619 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 46.0900, 0.3607, 0.3619 by changing the saturation by 10% instead.


 46.0900, 0.3607,
0.3619


 46.0900, 0.3607,
0.3619


371.1704, 0.3366,
0.3458

 32.3168, 0.3667,
0.3658


 84.3537, 0.3519,
0.3561

 21.6036, 0.3745,
0.3707


 109.6130, 0.3486,
0.3539

 13.5659, 0.3848,
0.3771


139.4698, 0.3458,
0.3521

 7.8194, 0.3991,
0.3856

174.3085, 0.3434,
0.3505

 3.9796, 0.4200,
0.3973

214.5136, 0.3414,
0.3491

 1.6622, 0.4632,
0.4230

260.4693, 0.3396,

 0.3990, 0.5703,

0.3478

0.4297

312.5601, 0.3380,
0.3468

0.0000, 0.0000,
0.0000

46.0900, 0.3607,
0.3619

46.0900, 0.3607,
0.3619

41.5006, 0.3834,
0.3749

51.1217, 0.3406,
0.3490

37.3341, 0.4086,
0.3874

56.6021, 0.3229,
0.3366

33.5783, 0.4358,
0.3986

62.5452, 0.3075,
0.3250

30.2183, 0.4641,
0.4072

68.9626, 0.2942,
0.3142

27.2377, 0.4921,
0.4120

75.8653, 0.2826,
0.3042

■ 24.6186, 0.5180,
0.4119

■ 82.0911, 0.2817,
0.3126

■ 22.3399, 0.5400,
0.4063

■ 88.4893, 0.2824,
0.3238

■ 21.6090, 0.5472,
0.4037

■ 91.5810, 0.2827,
0.3289

Harmonies

Analogous

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



46.0900, 0.3623, 0.3429



46.0900, 0.3607, 0.3619



46.0900, 0.3459, 0.3731

Triad

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



46.0900, 0.3607, 0.3619



46.0900, 0.2765, 0.3353



46.0900, 0.3014, 0.2900

Complementary

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



46.0900, 0.3607, 0.3619



42.6971, 0.2710, 0.2936

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.



46.0900, 0.2795, 0.2869



46.0900, 0.3607, 0.3619



46.0900, 0.2656, 0.3118

Square

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



46.0900, 0.3607, 0.3619



46.0900, 0.2971, 0.3579



46.0900, 0.2667, 0.2944



46.0900, 0.3273, 0.3024

Rectangle

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



46.0900, 0.3607, 0.3619



46.0900, 0.3308, 0.3739



46.0900, 0.2667, 0.2944



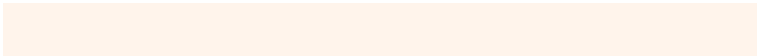
46.0900, 0.2934, 0.2878

Sweetspot

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



46.0921, 0.3607, 0.3619



92.1872, 0.3256, 0.3386



37.9006, 0.3396, 0.2929



19.4294, 0.3282, 0.3405



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.



46.0921, 0.3607, 0.3619



71.7127, 0.3739, 0.3696



57.3895, 0.3529, 0.3926



12.0895, 0.3278, 0.3402



13.7818, 0.5450, 0.4055



0.8627, 0.5141, 0.4300

Inverse Universe

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



42.6971, 0.2710, 0.2936



65.1260, 0.2614, 0.2844



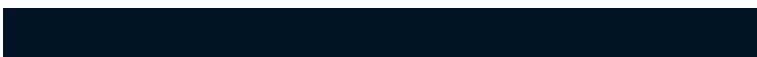
33.2366, 0.2675, 0.2564



11.7907, 0.2983, 0.3176



9.3985, 0.1793, 0.1654



0.6364, 0.1889, 0.1999

Previews

White Background



This preview shows how the Yxy color 46.0900, 0.3607, 0.3619 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 46.0900, 0.3607, 0.3619 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 46.0900, 0.3607, 0.3619

Background



This preview shows how black text looks on a background with the Yxy color 46.0900, 0.3607, 0.3619.



This preview shows how white text looks on a background with the Yxy color 46.0900, 0.3607, 0.3619.

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

46.0900, 0.3607, 0.3619

Protanopia

46.3911, 0.3455, 0.3669

Deuteranopia

46.0294, 0.3660, 0.3590



Tritanopia

45.9964, 0.3352, 0.3132

Trichromacy



Original Color

46.0900, 0.3607, 0.3619

Protanomaly

46.2103, 0.3515, 0.3652

Deuteranomaly

46.1274, 0.3638, 0.3604

Tritanomaly

46.1311, 0.3446, 0.3303

Monochromacy



Original Color

46.0900, 0.3607, 0.3619

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.9613, 0.3289, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0900, 0.3607, 0.3619 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(204, 176, 150)` looks like.

```
.text, #text, p{  
    color:rgb(204, 176, 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(204, 176, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 176, 150) }
```

Border

The CSS property to change the border of an element to Yxy 46.0900, 0.3607, 0.3619 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(204, 176, 150) }
```

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

```
.border{ border-color:rgb(204, 176, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 176, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 176, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 176, 150);  
box-shadow:4px 4px 4px 4px rgb(204, 176,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0900, 0.3607, 0.3619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 176, 150) }
```

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

```
.background{ background-color: rgb(204,  
176, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor