

Converting Colors

$Yxy(42.9373, 0.3597, 0.3568)$

Have a look what the booklet for
Yxy(42.9373, 0.3597, 0.3568)
contains.

Yxy(43.0297, 0.3596, 0.3576)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.0297, 0.3596, 0.3576)

Conversions

Conversions Part 1

Format	Color
Hex	C7AA94
RGB	199, 170, 148
RGB Percent	78%, 67%, 58%
CMY	0.2196, 0.3333, 0.4197
CMYK	0.00, 0.15, 0.26, 0.22
HSL	26°, 31%, 68%
HSV	26°, 26%, 78%
XYZ	43.2704, 43.0297, 34.0291
YIQ	176.1630, 24.3460, -0.6940

Conversions

Conversions Part 2

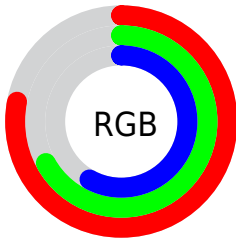
Format	Color
R _Y B	199, 187, 148
Decimal	13085332
CIE Lab	71.58, 7.16, 15.27
CIE LCh	72, 16.862, 64.871
Yxy	43.0297, 0.3596, 0.3576
Android (android.graphics.Color)	4291275412 (0xFFC7AA94)
YUV	176.1630, -13.8844, 20.0280
Hunter-Lab	65.5970, 2.9508, 15.1607

Details

The Yxy color **43.0297, 0.3596, 0.3576** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.8437, 0.2727, 0.2985**, and the grayscale version is **43.5696, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.3747, 0.3500, 0.3524**, and **19.7492, 0.3733, 0.3661** is the 20% darker color. If you saturate the color by 10%, you get **38.3968, 0.3829, 0.3694**, and if you desaturate by 10%, it is **48.1394, 0.3392, 0.3460**.

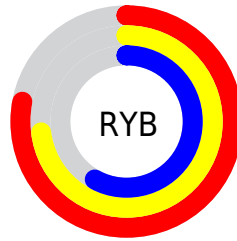
Distribution



Red (78%)

Green (67%)

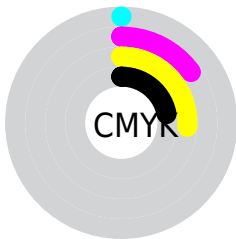
Blue (58%)



Red (78%)

Yellow (73%)

Blue (58%)

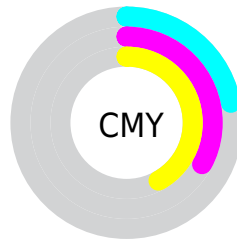


Cyan (0%)

Magenta (15%)

Yellow (26%)

Black (22%)



Cyan (22%)


Magenta (33%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0297, 0.3596, 0.3576 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 43.0297, 0.3596, 0.3576 by changing the saturation by 10% instead.


 43.0297, 0.3596,
0.3576


 43.0297, 0.3596,
0.3576


358.7339, 0.3357,
0.3435

 29.9084, 0.3657,
0.3610


 79.7557, 0.3508,
0.3525

 19.7691, 0.3735,
0.3654


 104.1292, 0.3476,
0.3506

 12.2273, 0.3841,
0.3711


133.0222, 0.3448,
0.3490

 6.8987, 0.3990,
0.3787

166.8191, 0.3425,
0.3476

 3.3988, 0.4213,
0.3893

205.9043, 0.3404,
0.3463

 1.3433, 0.4766,
0.4207

250.6623, 0.3387,

 0.1744, 0.6614,

0.3453

0.3386

301.4773, 0.3371,
0.3443

0.0000, 0.0000,
0.0000

43.0297, 0.3596,
0.3576

43.0297, 0.3596,
0.3576

38.3968, 0.3829,
0.3694

48.1394, 0.3392,
0.3460

34.2200, 0.4090,
0.3807

53.7339, 0.3216,
0.3350

30.4859, 0.4377,
0.3908

59.8284, 0.3064,
0.3246

27.1779, 0.4681,
0.3986

66.4358, 0.2932,
0.3150

24.2780, 0.4986,
0.4027

73.5684, 0.2819,
0.3061

■ 21.7667, 0.5271,
0.4021

■ 80.4155, 0.2786,
0.3106

■ 19.6218, 0.5516,
0.3960

■ 87.2001, 0.2795,
0.3227

■ 18.7892, 0.5614,
0.3925

■ 90.8815, 0.2800,
0.3289

Harmonies

Analogous

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



43.0297, 0.3587, 0.3387



43.0297, 0.3596, 0.3576



43.0297, 0.3475, 0.3698

Triad

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



43.0297, 0.3596, 0.3576



43.0297, 0.2811, 0.3391



43.0297, 0.2979, 0.2906

Complementary

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



43.0297, 0.3596, 0.3576



41.8437, 0.2727, 0.2985

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.



43.0297, 0.2782, 0.2894



43.0297, 0.3596, 0.3576



43.0297, 0.2688, 0.3164

Square

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



43.0297, 0.3596, 0.3576



43.0297, 0.3020, 0.3596



43.0297, 0.2678, 0.2984



43.0297, 0.3223, 0.3010

Rectangle

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



43.0297, 0.3596, 0.3576



43.0297, 0.3340, 0.3720



43.0297, 0.2678, 0.2984



43.0297, 0.2905, 0.2891

Sweetspot

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



43.0317, 0.3596, 0.3576



91.5826, 0.3257, 0.3376



36.5158, 0.3359, 0.2910



19.2774, 0.3283, 0.3393



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.



43.0317, 0.3596, 0.3576



70.5319, 0.3728, 0.3644



53.1942, 0.3522, 0.3875



11.3778, 0.3279, 0.3390



12.2495, 0.5590, 0.3943



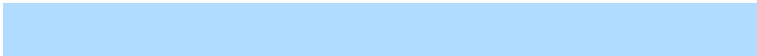
0.7233, 0.5228, 0.4231

Inverse Universe

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



41.8437, 0.2727, 0.2985



68.0815, 0.2636, 0.2905



32.9452, 0.2695, 0.2629



11.2707, 0.2983, 0.3188



10.4295, 0.1840, 0.1825



0.6358, 0.1934, 0.2161

Previews

White Background



This preview shows how the Yxy color 43.0297, 0.3596, 0.3576 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 43.0297, 0.3596, 0.3576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

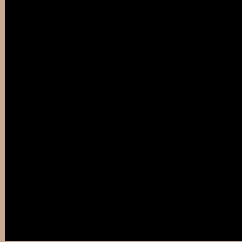
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0297, 0.3596, 0.3576

Background



This preview shows how black text looks on a background with the Yxy color 43.0297, 0.3596, 0.3576.



This preview shows how white text looks on a background with the Yxy color 43.0297, 0.3596, 0.3576.

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

43.0297, 0.3596, 0.3576

Protanopia

43.0523, 0.3421, 0.3628

Deuteranopia

43.0706, 0.3628, 0.3560



Tritanopia

43.2236, 0.3358, 0.3128

Trichromacy



Original Color

43.0297, 0.3596, 0.3576

Protanomaly

42.8759, 0.3482, 0.3610

Deuteranomaly

42.9316, 0.3618, 0.3561

Tritanomaly

43.0211, 0.3448, 0.3278

Monochromacy



Original Color

43.0297, 0.3596, 0.3576

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.2156, 0.3285, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0297, 0.3596, 0.3576 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, 170, 148)` looks like.

```
.text, #text, p{  
    color:rgb(199, 170, 148)  
}
```

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, 170, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 170, 148) }
```

Border

The CSS property to change the border of an element to Yxy 43.0297, 0.3596, 0.3576 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, 170, 148) }
```

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

```
.border{ border-color:rgb(199, 170, 148) }
```

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

Here you see how a box with a 4 pixel rgb(199, 170, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 170, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 170, 148);  
box-shadow:4px 4px 4px 4px rgb(199, 170,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0297, 0.3596, 0.3576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 170, 148) }
```

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

```
.background{ background-color: rgb(199,  
170, 148) }
```

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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