

Converting Colors

$Y_{xy}(43.7050, 0.3576, 0.3606)$

Have a look what the booklet for
Yxy(43.7050, 0.3576, 0.3606)
contains.

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Color

Yxy(43.6489, 0.3580, 0.3602)

Conversions

Conversions Part 1

Format	Color
Hex	C6AC94
RGB	198, 172, 148
RGB Percent	78%, 67%, 58%
CMY	0.2236, 0.3254, 0.4197
CMYK	0.00, 0.13, 0.25, 0.22
HSL	29°, 30%, 68%
HSV	29°, 25%, 78%
XYZ	43.3823, 43.6489, 34.1484
YIQ	177.0380, 23.2000, -1.9520

Conversions

Conversions Part 2

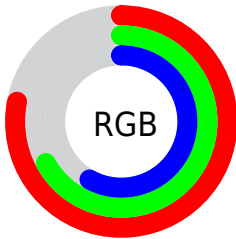
Format	Color
R _Y B	198, 194, 148
Decimal	13020308
CIE Lab	71.99, 5.69, 15.83
CIE LCh	72, 16.821, 70.228
Yxy	43.6489, 0.3580, 0.3602
Android (android.graphics.Color)	4291210388 (0xFFC6AC94)
YUV	177.0380, -14.3157, 18.3837
Hunter-Lab	66.0673, 1.5921, 15.6017

Details

The Yxy color **43.6489, 0.3580, 0.3602** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.6263, 0.2731, 0.2956**, and the grayscale version is **44.0545, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4624, 0.3496, 0.3544**, and **20.2253, 0.3722, 0.3695** is the 20% darker color. If you saturate the color by 10%, you get **39.3119, 0.3803, 0.3732**, and if you desaturate by 10%, it is **48.4001, 0.3382, 0.3474**.

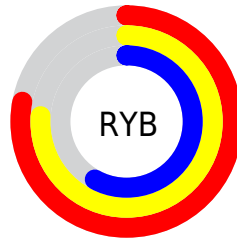
Distribution



Red (78%)

Green (67%)

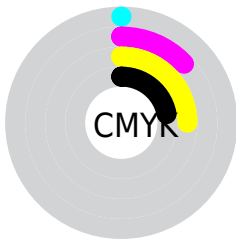
Blue (58%)



Red (78%)

Yellow (76%)

Blue (58%)

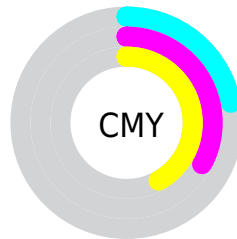


Cyan (0%)

Magenta (13%)

Yellow (25%)

Black (22%)



Cyan (22%)


Magenta (33%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6489, 0.3580, 0.3602 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 43.6489, 0.3580, 0.3602 by changing the saturation by 10% instead.


 43.6489, 0.3580,
0.3602


 43.6489, 0.3580,
0.3602

361.2736, 0.3350,
0.3447

 30.3946, 0.3638,
0.3640

 80.6892, 0.3496,
0.3546

 20.1383, 0.3713,
0.3688


 105.2439, 0.3464,
0.3525

 12.4956, 0.3814,
0.3751


134.3342, 0.3438,
0.3507

 7.0821, 0.3955,
0.3836

168.3445, 0.3415,
0.3492

 3.5135, 0.4166,
0.3956

207.6592, 0.3396,
0.3479

 1.4053, 0.4679,
0.4287

252.6627, 0.3379,

 0.2207, 0.6124,

0.3467

0.3876

303.7394, 0.3364,
0.3457

0.0000, 0.0000,
0.0000

43.6489, 0.3580,
0.3602

43.6489, 0.3580,
0.3602

39.3119, 0.3803,
0.3732

48.4001, 0.3382,
0.3474

35.3709, 0.4052,
0.3858

53.5711, 0.3209,
0.3351

31.8148, 0.4321,
0.3971

59.1752, 0.3058,
0.3236

28.6298, 0.4604,
0.4061

65.2230, 0.2927,
0.3130

25.8008, 0.4885,
0.4115

71.7247, 0.2814,
0.3031

■ 23.3115, 0.5147,
0.4121

■ 77.9085, 0.2777,
0.3061

■ 21.1429, 0.5373,
0.4072

■ 83.9260, 0.2785,
0.3173

■ 20.2137, 0.5471,
0.4038

■ 90.2888, 0.2794,
0.3282

■ 90.7437, 0.2794,
0.3289

Harmonies

Analogous

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



43.6489, 0.3595, 0.3423



43.6489, 0.3580, 0.3602



43.6489, 0.3440, 0.3706

Triad

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



43.6489, 0.3580, 0.3602



43.6489, 0.2784, 0.3349



43.6489, 0.3021, 0.2921

Complementary

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



43.6489, 0.3580, 0.3602



40.6263, 0.2731, 0.2956

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.



43.6489, 0.2814, 0.2891



43.6489, 0.3580, 0.3602



43.6489, 0.2681, 0.3128

Square

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



43.6489, 0.3580, 0.3602



43.6489, 0.2979, 0.3562



43.6489, 0.2692, 0.2963



43.6489, 0.3265, 0.3039

Rectangle

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



43.6489, 0.3580, 0.3602



43.6489, 0.3298, 0.3713



43.6489, 0.2692, 0.2963



43.6489, 0.2945, 0.2900

Sweetspot

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



43.6509, 0.3580, 0.3602



92.1794, 0.3256, 0.3386



36.2600, 0.3380, 0.2947



19.4275, 0.3282, 0.3404



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.



43.6509, 0.3580, 0.3602



73.2291, 0.3693, 0.3670



53.7646, 0.3509, 0.3895



11.4639, 0.3278, 0.3401



13.3172, 0.5450, 0.4055



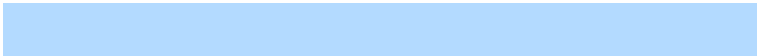
0.7754, 0.5121, 0.4316

Inverse Universe

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



40.6263, 0.2731, 0.2956



67.0104, 0.2647, 0.2876



32.0724, 0.2699, 0.2604



11.1837, 0.2983, 0.3176



9.1129, 0.1794, 0.1658



0.5760, 0.1896, 0.2026

Previews

White Background



This preview shows how the Yxy color 43.6489, 0.3580, 0.3602 looks on a white background.

Color Contrast Check

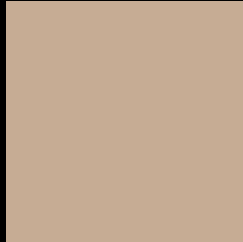
Large Text (above 18pt) WCAG AA × Fail

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 43.6489, 0.3580, 0.3602 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 43.6489, 0.3580, 0.3602

Background



This preview shows how black text looks on a background with the Yxy color 43.6489, 0.3580, 0.3602.



This preview shows how white text looks on a background with the Yxy color 43.6489, 0.3580, 0.3602.

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

43.6489, 0.3580, 0.3602

Protanopia

43.6918, 0.3438, 0.3638

Deuteranopia

43.7249, 0.3644, 0.3571



Tritanopia

43.4893, 0.3338, 0.3128

Trichromacy



Original Color

43.6489, 0.3580, 0.3602

Protanomaly

43.7770, 0.3486, 0.3635

Deuteranomaly

43.8205, 0.3622, 0.3585

Tritanomaly

43.6206, 0.3434, 0.3304

Monochromacy



Original Color

43.6489, 0.3580, 0.3602

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.7274, 0.3292, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6489, 0.3580, 0.3602 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, 172, 148)` looks like.

```
.text, #text, p{  
    color:rgb(198, 172, 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(198, 172, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 172, 148) }
```

Border

The CSS property to change the border of an element to Yxy 43.6489, 0.3580, 0.3602 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, 172, 148) }
```

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

```
.border{ border-color:rgb(198, 172, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 172, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 172, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 172, 148);  
box-shadow:4px 4px 4px 4px rgb(198, 172,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6489, 0.3580, 0.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 172, 148) }
```

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

```
.background{ background-color: rgb(198,  
172, 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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