

Converting Colors

$Yxy(48.9817, 0.3602, 0.3811)$

Have a look what the booklet for
Yxy(48.9817, 0.3602, 0.3811)
contains.

Yxy(49.1290, 0.3602, 0.3808)	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(49.1290, 0.3602, 0.3808)

Conversions

Conversions Part 1

Format	Color
Hex	C9B990
RGB	201, 185, 144
RGB Percent	79%, 73%, 56%
CMY	0.2117, 0.2745, 0.4353
CMYK	0.00, 0.08, 0.28, 0.21
HSL	43°, 35%, 68%
HSV	43°, 28%, 79%
XYZ	46.4713, 49.1290, 33.4149
YIQ	185.1100, 22.6970, -9.3590

Conversions

Conversions Part 2

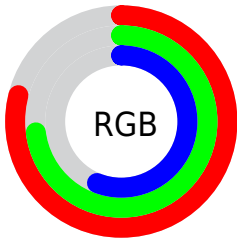
Format	Color
RYB	166, 201, 144
Decimal	13220240
CIELab	75.53, -0.63, 22.91
CIELCh	76, 22.918, 91.582
Yxy	49.1290, 0.3602, 0.3808
Android (android.graphics.Color)	4291410320 (0xFFC9B990)
YUV	185.1100, -20.2672, 13.9355
Hunter-Lab	70.0921, -4.3150, 20.7992

Details

The Yxy color **49.1290, 0.3602, 0.3808** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.2862, 0.2660, 0.2711**, and the grayscale version is **48.6868, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.2478, 0.3494, 0.3720**, and **23.4038, 0.3730, 0.3954** is the 20% darker color. If you saturate the color by 10%, you get **46.2561, 0.3792, 0.3994**, and if you desaturate by 10%, it is **52.2095, 0.3422, 0.3621**.

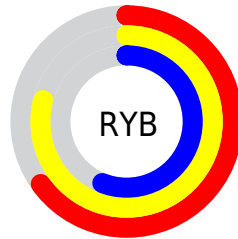
Distribution



Red (79%)

Green (73%)

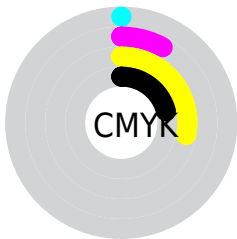
Blue (56%)



Red (65%)

Yellow (79%)

Blue (56%)

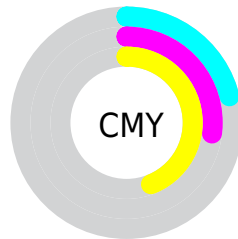


Cyan (0%)

Magenta (8%)

Yellow (28%)

Black (21%)



Cyan (21%)

Magenta (27%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.1290, 0.3602, 0.3808 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 49.1290, 0.3602, 0.3808 by changing the saturation by 10% instead.

■ 49.1290, 0.3602,
0.3808

■ 49.1290, 0.3602,
0.3808

383.2499, 0.3368,
0.3552

■ 34.7218, 0.3659,
0.3870

■ 88.8830, 0.3518,
0.3716

■ 23.4487, 0.3730,
0.3949

■ 114.9986, 0.3486,
0.3681

■ 14.9252, 0.3823,
0.4051

145.7859, 0.3459,
0.3652

■ 8.7669, 0.3947,
0.4189

181.6291, 0.3436,
0.3626

■ 4.5894, 0.4119,
0.4380

222.9127, 0.3416,
0.3604

■ 2.0084, 0.4524,
0.4826

270.0212, 0.3398,

■ 0.6124, 0.4806,

0.3585

0.5194

323.3388, 0.3382,
0.3568

0.0000, 0.0000,
0.0000

49.1290, 0.3602,
0.3808

49.1290, 0.3602,
0.3808

46.2561, 0.3792,
0.3994

52.2095, 0.3422,
0.3621

43.5773, 0.3987,
0.4170

55.4973, 0.3256,
0.3437

41.0872, 0.4181,
0.4328

59.0007, 0.3103,
0.3262

38.7779, 0.4365,
0.4455

62.7255, 0.2965,
0.3097

36.6400, 0.4531,
0.4542

66.6772, 0.2841,
0.2944

■ 34.6633, 0.4671,
0.4581

■ 70.2273, 0.2783,
0.2899

■ 32.8318, 0.4781,
0.4575

■ 73.2190, 0.2788,
0.2961

■ 32.5426, 0.4798,
0.4572

■ 76.3114, 0.2792,
0.3023

■ 79.5055, 0.2796,
0.3085

Harmonies

Analogous

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



49.1290, 0.3745, 0.3631



49.1290, 0.3602, 0.3808



49.1290, 0.3333, 0.3848

Triad

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



49.1290, 0.3602, 0.3808



49.1290, 0.2573, 0.3152



49.1290, 0.3214, 0.2912

Complementary

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



49.1290, 0.3602, 0.3808



35.2862, 0.2660, 0.2711

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.



49.1290, 0.2901, 0.2789



49.1290, 0.3602, 0.3808



49.1290, 0.2544, 0.2911

Square

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



49.1290, 0.3602, 0.3808



49.1290, 0.2743, 0.3453



49.1290, 0.2660, 0.2785



49.1290, 0.3516, 0.3123

Rectangle

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



49.1290, 0.3602, 0.3808



49.1290, 0.3123, 0.3779



49.1290, 0.2660, 0.2785



49.1290, 0.3106, 0.2859

Sweetspot

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



49.1312, 0.3602, 0.3808



94.5674, 0.3268, 0.3451



34.9057, 0.3569, 0.3082



20.0595, 0.3292, 0.3478



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.



49.1312, 0.3602, 0.3808



81.0617, 0.3717, 0.3922



54.5650, 0.3447, 0.4017



11.8942, 0.3272, 0.3455



20.6211, 0.4787, 0.4581



1.0943, 0.4637, 0.4701

Inverse Universe

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



35.2862, 0.2660, 0.2711



53.5574, 0.2549, 0.2563



31.2637, 0.2742, 0.2500



10.7642, 0.2983, 0.3119



4.5908, 0.1602, 0.0968



0.3431, 0.1722, 0.1398

Previews

White Background



This preview shows how the Yxy color 49.1290, 0.3602, 0.3808 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 49.1290, 0.3602, 0.3808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

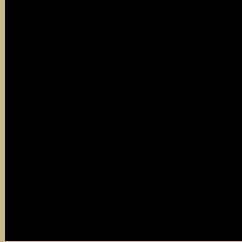
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

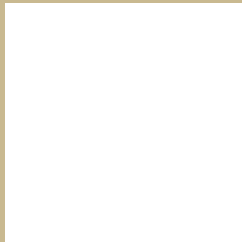
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.1290, 0.3602, 0.3808

Background



This preview shows how black text looks on a background with the Yxy color 49.1290, 0.3602, 0.3808.



This preview shows how white text looks on a background with the Yxy color 49.1290, 0.3602, 0.3808.

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

49.1290, 0.3602, 0.3808

Protanopia

49.2735, 0.3580, 0.3823

Deuteranopia

49.1900, 0.3771, 0.3699



Tritanopia

48.9120, 0.3265, 0.3122

Trichromacy



Original Color

49.1290, 0.3602, 0.3808

Protanomaly

49.4108, 0.3590, 0.3821

Deuteranomaly

49.0891, 0.3708, 0.3731

Tritanomaly

49.1220, 0.3386, 0.3365

Monochromacy



Original Color

49.1290, 0.3602, 0.3808

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.6766, 0.3298, 0.3483

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.1290, 0.3602, 0.3808 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(201, 185, 144)` looks like.

```
.text, #text, p{  
    color:rgb(201, 185, 144)  
}
```

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(201, 185, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 185, 144) }
```

Border

The CSS property to change the border of an element to Yxy 49.1290, 0.3602, 0.3808 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(201, 185, 144) }
```

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

```
.border{ border-color:rgb(201, 185, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 185, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 185, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 185, 144);  
box-shadow:4px 4px 4px 4px rgb(201, 185,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1290, 0.3602, 0.3808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 185, 144) }
```

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

```
.background{ background-color: rgb(201,  
185, 144) }
```

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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