

Converting Colors

$Yxy(49.0218, 0.3502, 0.3640)$

Have a look what the booklet for
Yxy(49.0218, 0.3502, 0.3640)
contains.

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Color

Yxy(49.0988, 0.3504, 0.3643)

Conversions

Conversions Part 1

Format	Color
Hex	C9B89C
RGB	201, 184, 156
RGB Percent	79%, 72%, 61%
CMY	0.2119, 0.2784, 0.3881
CMYK	0.00, 0.08, 0.22, 0.21
HSL	37°, 29%, 70%
HSV	37°, 22%, 79%
XYZ	47.2254, 49.0988, 38.4515
YIQ	185.8910, 19.1200, -5.1040

Conversions

Conversions Part 2

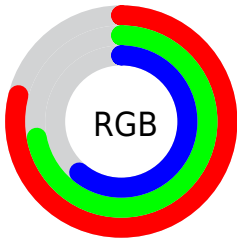
Format	Color
RYB	183, 201, 156
Decimal	13219996
CIELab	75.51, 1.57, 16.41
CIELCh	76, 16.488, 84.546
Yxy	49.0988, 0.3504, 0.3643
Android (android.graphics.Color)	4291410076 (0xFFC9B89C)
YUV	185.8910, -14.7363, 13.2506
Hunter-Lab	70.0705, -2.3198, 16.5137

Details

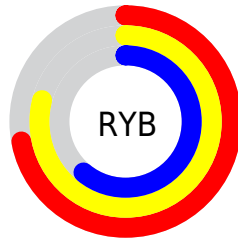
The Yxy color $49.0988, 0.3504, 0.3643$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $41.1701, 0.2770, 0.2910$, and the grayscale version is $49.1152, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.2833, 0.3412, 0.3579$, and $23.4556, 0.3612, 0.3732$ is the 20% darker color. If you saturate the color by 10%, you get $45.4078, 0.3701, 0.3808$, and if you desaturate by 10%, it is $53.0759, 0.3324, 0.3481$.

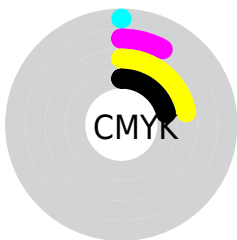
Distribution



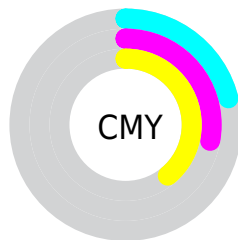
- Red (79%)
- Green (72%)
- Blue (61%)



- Red (72%)
- Yellow (79%)
- Blue (61%)



- Cyan (0%)
- Magenta (8%)
- Yellow (22%)
- Black (21%)





- Cyan (21%)
- Magenta (28%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.0988, 0.3504, 0.3643 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 49.0988, 0.3504, 0.3643 by changing the saturation by 10% instead.


 49.0988, 0.3504,
0.3643


 49.0988, 0.3504,
0.3643


383.1311, 0.3317,
0.3469

 34.6979, 0.3550,
0.3685


 88.8382, 0.3437,
0.3581

 23.4302, 0.3609,
0.3739


 114.9454, 0.3411,
0.3557

 14.9115, 0.3686,
0.3810


145.7235, 0.3390,
0.3537

 8.7573, 0.3791,
0.3905

181.5569, 0.3371,
0.3519

 4.5832, 0.3944,
0.4042

222.8300, 0.3355,
0.3504

 2.0049, 0.4197,
0.4266

269.9271, 0.3341,

 0.6103, 0.5033,

0.3491

0.4967

323.2327, 0.3328,
0.3480

0.0000, 0.0000,
0.0000

49.0988, 0.3504,
0.3643

49.0988, 0.3504,
0.3643

45.4078, 0.3701,
0.3808

53.0759, 0.3324,
0.3481

41.9880, 0.3913,
0.3970

57.3402, 0.3163,
0.3326

38.8331, 0.4135,
0.4120

61.9012, 0.3019,
0.3179

35.9336, 0.4360,
0.4249

66.7659, 0.2890,
0.3043

33.2794, 0.4578,
0.4344

71.8432, 0.2786,
0.2933

■ 30.8591, 0.4778,
0.4394

■ 75.9621, 0.2791,
0.3017

■ 28.6595, 0.4948,
0.4394

■ 80.2646, 0.2797,
0.3099

■ 27.1130, 0.5060,
0.4365

■ 84.7529, 0.2803,
0.3181

■ 89.4293, 0.2809,
0.3261

Harmonies

Analogous

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



49.0988, 0.3577, 0.3503



49.0988, 0.3504, 0.3643



49.0988, 0.3329, 0.3692

Triad

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



49.0988, 0.3504, 0.3643



49.0988, 0.2744, 0.3244



49.0988, 0.3137, 0.2985

Complementary

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



49.0988, 0.3504, 0.3643



41.1701, 0.2770, 0.2910

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.



49.0988, 0.2917, 0.2915



49.0988, 0.3504, 0.3643



49.0988, 0.2697, 0.3054

Square

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



49.0988, 0.3504, 0.3643



49.0988, 0.2892, 0.3456



49.0988, 0.2759, 0.2937



49.0988, 0.3361, 0.3129

Rectangle

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



49.0988, 0.3504, 0.3643



49.0988, 0.3181, 0.3660



49.0988, 0.2759, 0.2937



49.0988, 0.3060, 0.2952

Sweetspot

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



49.1010, 0.3504, 0.3643



94.6799, 0.3237, 0.3398



39.2271, 0.3409, 0.3072



20.1698, 0.3247, 0.3408



0.0000, 0.0000, 0.0000



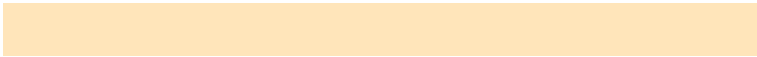
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49.1010, 0.3504, 0.3643



80.8585, 0.3601, 0.3726



55.8630, 0.3417, 0.3851



11.7183, 0.3274, 0.3434



17.2331, 0.5044, 0.4377



0.9522, 0.4822, 0.4553

Inverse Universe

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



41.1701, 0.2770, 0.2910



64.8324, 0.2685, 0.2811



35.6069, 0.2797, 0.2678



10.9325, 0.2983, 0.3142



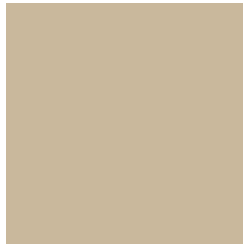
6.0528, 0.1671, 0.1214



0.4257, 0.1790, 0.1642

Previews

White Background



This preview shows how the Yxy color 49.0988, 0.3504, 0.3643 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 49.0988, 0.3504, 0.3643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

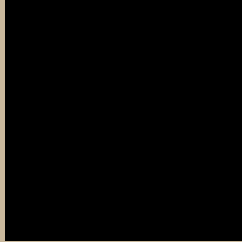
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.0988, 0.3504, 0.3643

Background



This preview shows how black text looks on a background with the Yxy color 49.0988, 0.3504, 0.3643.



This preview shows how white text looks on a background with the Yxy color 49.0988, 0.3504, 0.3643.

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

49.0988, 0.3504, 0.3643

Protanopia

49.2879, 0.3446, 0.3660

Deuteranopia

48.9707, 0.3628, 0.3558



Tritanopia

49.2123, 0.3247, 0.3121

Trichromacy



Original Color

49.0988, 0.3504, 0.3643

Protanomaly

49.1380, 0.3467, 0.3646

Deuteranomaly

49.0374, 0.3577, 0.3587

Tritanomaly

49.1804, 0.3335, 0.3303

Monochromacy



Original Color

49.0988, 0.3504, 0.3643

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.8694, 0.3257, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0988, 0.3504, 0.3643 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, 184, 156)` looks like.

```
.text, #text, p{  
    color:rgb(201, 184, 156)  
}
```

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, 184, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 184, 156) }
```

Border

The CSS property to change the border of an element to Yxy 49.0988, 0.3504, 0.3643 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, 184, 156) }
```

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

```
.border{ border-color:rgb(201, 184, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 184, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 184, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 184, 156);  
box-shadow:4px 4px 4px 4px rgb(201, 184,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0988, 0.3504, 0.3643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 184, 156) }
```

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

```
.background{ background-color: rgb(201,  
184, 156) }
```

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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