

Converting Colors

$Yxy(34.3126, 0.3673, 0.3690)$

Have a look what the booklet for
Yxy(34.3126, 0.3673, 0.3690)
contains.

Yxy(34.3209, 0.3670, 0.3689)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.3209, 0.3670, 0.3689)

Conversions

Conversions Part 1

Format	Color
Hex	B49A7E
RGB	180, 154, 126
RGB Percent	71%, 60%, 49%
CMY	0.2941, 0.3961, 0.5058
CMYK	0.00, 0.14, 0.30, 0.29
HSL	31°, 26%, 60%
HSV	31°, 30%, 71%
XYZ	34.1441, 34.3209, 24.5708
YIQ	158.5820, 24.4840, -3.1960

Conversions

Conversions Part 2

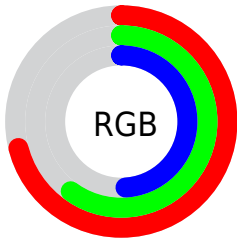
Format	Color
RYB	176, 180, 126
Decimal	11836030
CIELab	65.22, 5.37, 18.27
CIELCh	65, 19.037, 73.629
Yxy	34.3209, 0.3670, 0.3689
Android (android.graphics.Color)	4290026110 (0xFFB49A7E)
YUV	158.5820, -16.0629, 18.7836
Hunter-Lab	58.5840, 1.5118, 16.1420

Details

The Yxy color **34.3209, 0.3670, 0.3689** is a light color, and the websafe version is hex **999966**. A complement of this color would be **30.1930, 0.2654, 0.2854**, and the grayscale version is **34.5378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1993, 0.3558, 0.3608**, and **14.6719, 0.3839, 0.3807** is the 20% darker color. If you saturate the color by 10%, you get **31.1400, 0.3896, 0.3827**, and if you desaturate by 10%, it is **37.7952, 0.3466, 0.3551**.

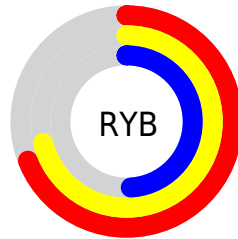
Distribution



Red (71%)

Green (60%)

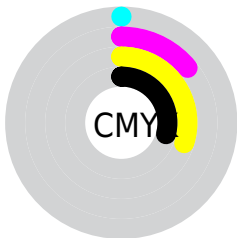
Blue (49%)



Red (69%)

Yellow (71%)

Blue (49%)

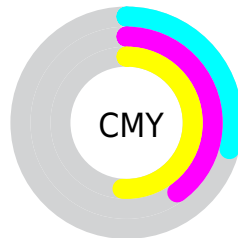


Cyan (0%)

Magenta (14%)

Yellow (30%)

Black (29%)



Cyan (29%)


Magenta (40%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3209, 0.3670, 0.3689 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 34.3209, 0.3670, 0.3689 by changing the saturation by 10% instead.


 34.3209, 0.3670,
0.3689


 34.3209, 0.3670,
0.3689


321.5606, 0.3384,
0.3484


 23.1402, 0.3746,
0.3741


 66.4324, 0.3563,
0.3613

 14.6971, 0.3846,
0.3809


 88.1320, 0.3523,
0.3585

 8.6071, 0.3983,
0.3899


 114.1067, 0.3491,
0.3562

 4.4858, 0.4181,
0.4023

144.7409, 0.3463,
0.3542

 1.9488, 0.4539,
0.4247

180.4190, 0.3439,
0.3524

 0.5775, 0.5407,
0.4593

221.5254, 0.3418,

 0.0000, 0.0000,

0.3509

0.0000

268.4444, 0.3400,
0.3496

■ 34.3209, 0.3670,
0.3689

■ 34.3209, 0.3670,
0.3689

■ 31.1400, 0.3896,
0.3827

■ 37.7952, 0.3466,
0.3551

■ 28.2389, 0.4142,
0.3956

■ 41.5666, 0.3286,
0.3417

■ 25.6098, 0.4403,
0.4069

■ 45.6444, 0.3127,
0.3290

■ 23.2428, 0.4668,
0.4153

■ 50.0365, 0.2988,
0.3171

■ 21.1266, 0.4922,
0.4195

■ 54.7499, 0.2866,
0.3061

■ 19.2491, 0.5151,
0.4187

■ 59.7919, 0.2760,
0.2960

■ 17.5899, 0.5350,
0.4134

■ 65.1691, 0.2667,
0.2867

■ 17.5877, 0.5350,
0.4134

■ 69.8828, 0.2662,
0.2936

■ 74.6432, 0.2673,
0.3035

Harmonies

Analogous

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



34.3209, 0.3709, 0.3475



34.3209, 0.3670, 0.3689



34.3209, 0.3482, 0.3808

Triad

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



34.3209, 0.3670, 0.3689



34.3209, 0.2688, 0.3328



34.3209, 0.3029, 0.2854

Complementary

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



34.3209, 0.3670, 0.3689



30.1930, 0.2654, 0.2854

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.



34.3209, 0.2768, 0.2803



34.3209, 0.3670, 0.3689



34.3209, 0.2579, 0.3060

Square

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



34.3209, 0.3670, 0.3689



34.3209, 0.2914, 0.3600



34.3209, 0.2607, 0.2873



34.3209, 0.3329, 0.3007

Rectangle

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



34.3209, 0.3670, 0.3689



34.3209, 0.3302, 0.3807



34.3209, 0.2607, 0.2873



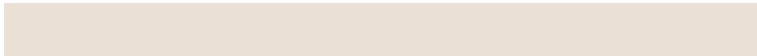
34.3209, 0.2934, 0.2824

Sweetspot

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



34.3225, 0.3670, 0.3689



75.9672, 0.3272, 0.3406



26.9007, 0.3469, 0.2920



16.1981, 0.3296, 0.3425



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



34.3225, 0.3670, 0.3689



58.3536, 0.3817, 0.3781



43.7426, 0.3564, 0.4028



9.2097, 0.3275, 0.3408



12.4111, 0.5333, 0.4148



0.5066, 0.4935, 0.4464

Inverse Universe

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



30.1930, 0.2654, 0.2854



49.6530, 0.2545, 0.2740



22.7285, 0.2616, 0.2432



8.8829, 0.2985, 0.3169



7.1543, 0.1762, 0.1541



0.3421, 0.1907, 0.2067

Previews

White Background



This preview shows how the Yxy color 34.3209, 0.3670, 0.3689 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 34.3209, 0.3670, 0.3689 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

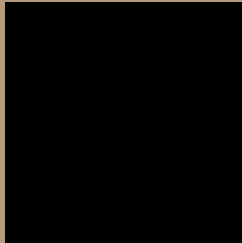
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.3209, 0.3670, 0.3689

Background



This preview shows how black text looks on a background with the Yxy color 34.3209, 0.3670, 0.3689.



This preview shows how white text looks on a background with the Yxy color 34.3209, 0.3670, 0.3689.

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

34.3209, 0.3670, 0.3689

Protanopia

34.3371, 0.3509, 0.3734

Deuteranopia

34.2771, 0.3732, 0.3655



Tritanopia

34.2584, 0.3371, 0.3126

Trichromacy



Original Color

34.3209, 0.3670, 0.3689

Protanomaly

34.4169, 0.3564, 0.3729

Deuteranomaly

34.3561, 0.3706, 0.3671

Tritanomaly

34.3386, 0.3488, 0.3333

Monochromacy



Original Color

34.3209, 0.3670, 0.3689

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.4360, 0.3320, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3209, 0.3670, 0.3689 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(180, 154, 126)` looks like.

```
.text, #text, p{  
    color:rgb(180, 154, 126)  
}
```

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(180, 154, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 154, 126) }
```

Border

The CSS property to change the border of an element to Yxy 34.3209, 0.3670, 0.3689 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(180, 154, 126) }
```

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

```
.border{ border-color:rgb(180, 154, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 154, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 154, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 154, 126);  
box-shadow:4px 4px 4px 4px rgb(180, 154,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3209, 0.3670, 0.3689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 154, 126) }
```

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

```
.background{ background-color: rgb(180,  
154, 126) }
```

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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