

Converting Colors

$Yxy(34.6961, 0.3939, 0.3917)$

Have a look what the booklet for
Yxy(34.6961, 0.3939, 0.3917)
contains.

Yxy(34.5565, 0.3940, 0.3908)	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(34.5565, 0.3940, 0.3908)

Conversions

Conversions Part 1

Format	Color
Hex	BC996C
RGB	188, 153, 108
RGB Percent	74%, 60%, 42%
CMY	0.2627, 0.4000, 0.5764
CMYK	0.00, 0.19, 0.43, 0.26
HSL	34°, 37%, 58%
HSV	34°, 43%, 74%
XYZ	34.8395, 34.5565, 19.0291
YIQ	158.3350, 35.3050, -6.5750

Conversions

Conversions Part 2

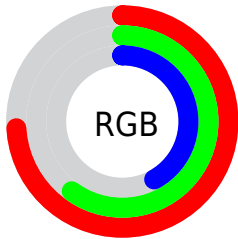
Format	Color
R_{YB}	170, 188, 108
Decimal	12360044
CIE _{Lab}	65.40, 6.96, 28.53
CIE _{LCh}	65, 29.367, 76.284
Yxy	34.5565, 0.3940, 0.3908
Android (android.graphics.Color)	4290550124 (0xFFBC996C)
YUV	158.3350, -24.8152, 26.0162
Hunter-Lab	58.7848, 2.9167, 21.9567

Details

The Yxy color **34.5565, 0.3940, 0.3908** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **26.4769, 0.2438, 0.2572**, and the grayscale version is **34.4570, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7565, 0.3787, 0.3792**, and **14.8155, 0.4188, 0.4072** is the 20% darker color. If you saturate the color by 10%, you get **31.5983, 0.4179, 0.4045**, and if you desaturate by 10%, it is **37.7901, 0.3717, 0.3761**.

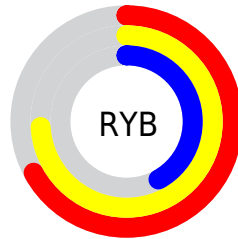
Distribution



Red (74%)

Green (60%)

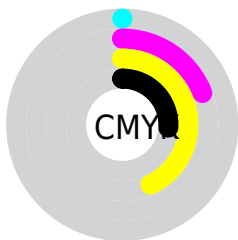
Blue (42%)



Red (67%)

Yellow (74%)

Blue (42%)

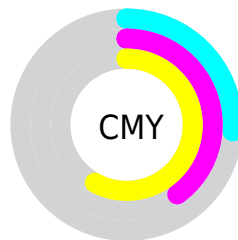


Cyan (0%)

Magenta (19%)

Yellow (43%)

Black (26%)



Cyan (26%)


Magenta (40%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5565, 0.3940, 0.3908 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 34.5565, 0.3940, 0.3908 by changing the saturation by 10% instead.


 34.5565, 0.3940,
0.3908


 34.5565, 0.3940,
0.3908


322.6064, 0.3516,
0.3596


 23.3214, 0.4049,
0.3984


 66.7981, 0.3783,
0.3796

 14.8310, 0.4190,
0.4078


 88.5735, 0.3725,
0.3753

 8.7009, 0.4378,
0.4197


 114.6311, 0.3676,
0.3717

 4.5466, 0.4632,
0.4345

 145.3554, 0.3634,
0.3686

 1.9838, 0.5249,
0.4751

181.1306, 0.3598,
0.3659

 0.5980, 0.5525,
0.4475

222.3413, 0.3567,

 0.0000, 0.0000,

0.3636

0.0000

269.3717, 0.3540,
0.3615

■ 34.5565, 0.3940,
0.3908

■ 34.5565, 0.3940,
0.3908

■ 31.5983, 0.4179,
0.4045

■ 37.7901, 0.3717,
0.3761

■ 28.9012, 0.4425,
0.4161

■ 41.3030, 0.3512,
0.3611

■ 26.4569, 0.4669,
0.4244

■ 45.1049, 0.3329,
0.3464

■ 24.2541, 0.4898,
0.4282

■ 49.2036, 0.3166,
0.3324

■ 22.2803, 0.5096,
0.4269

■ 53.6067, 0.3021,
0.3193

■ 20.9417, 0.5227,
0.4232

■ 58.3212, 0.2894,
0.3070

■ 63.3540, 0.2783,
0.2958

■ 68.4884, 0.2704,
0.2890

■ 72.8847, 0.2712,
0.2983

Harmonies

Analogous

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



34.5565, 0.4031, 0.3583



34.5565, 0.3940, 0.3908



34.5565, 0.3626, 0.4097

Triad

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



34.5565, 0.3940, 0.3908



34.5565, 0.2439, 0.3299



34.5565, 0.3010, 0.2655

Complementary

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



34.5565, 0.3940, 0.3908



26.4769, 0.2438, 0.2572

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.



34.5565, 0.2610, 0.2561



34.5565, 0.3940, 0.3908



34.5565, 0.2300, 0.2893

Square

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



34.5565, 0.3940, 0.3908



34.5565, 0.2758, 0.3743



34.5565, 0.2360, 0.2637



34.5565, 0.3472, 0.2890

Rectangle

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



34.5565, 0.3940, 0.3908



34.5565, 0.3342, 0.4096



34.5565, 0.2360, 0.2637



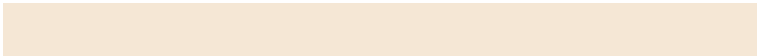
34.5565, 0.2864, 0.2606

Sweetspot

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



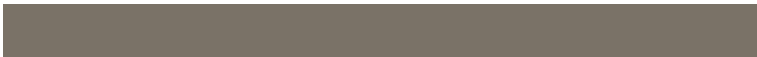
34.5581, 0.3940, 0.3908



81.2587, 0.3341, 0.3474



23.4378, 0.3714, 0.2795



17.1383, 0.3380, 0.3506



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



34.5581, 0.3940, 0.3908



57.6248, 0.4161, 0.4036



47.2439, 0.3716, 0.4339



10.4023, 0.3275, 0.3419



14.4072, 0.5210, 0.4245



0.6925, 0.4905, 0.4488

Inverse Universe

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



26.4769, 0.2438, 0.2572



41.0739, 0.2285, 0.2380



17.8091, 0.2378, 0.2005



9.8940, 0.2984, 0.3158



6.7531, 0.1722, 0.1397



0.3948, 0.1853, 0.1871

Previews

White Background



This preview shows how the Yxy color 34.5565, 0.3940, 0.3908 looks on a white background.

Color Contrast Check

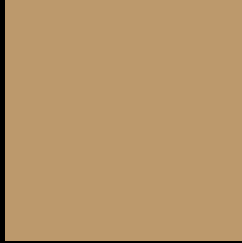
Large Text (above 18pt) WCAG AA × Fail

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 34.5565, 0.3940, 0.3908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

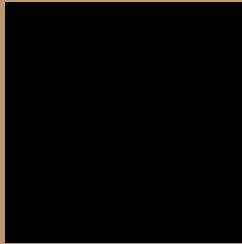
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.5565, 0.3940, 0.3908

Background



This preview shows how black text looks on a background with the Yxy color 34.5565, 0.3940, 0.3908.



This preview shows how white text looks on a background with the Yxy color 34.5565, 0.3940, 0.3908.

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

34.5565, 0.3940, 0.3908

Protanopia

34.6927, 0.3718, 0.4003

Deuteranopia

34.4863, 0.3967, 0.3890



Tritanopia

34.6735, 0.3500, 0.3144

Trichromacy



Original Color

34.5565, 0.3940, 0.3908

Protanomaly

34.6830, 0.3802, 0.3974

Deuteranomaly

34.3580, 0.3957, 0.3893

Tritanomaly

34.4647, 0.3662, 0.3414

Monochromacy



Original Color

34.5565, 0.3940, 0.3908

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.1054, 0.3409, 0.3525

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5565, 0.3940, 0.3908 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(188, 153, 108)` looks like.

```
.text, #text, p{  
    color:rgb(188, 153, 108)  
}
```

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(188, 153, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 153, 108) }
```

Border

The CSS property to change the border of an element to Yxy 34.5565, 0.3940, 0.3908 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(188, 153, 108) }
```

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

```
.border{ border-color:rgb(188, 153, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 153, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 153, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 153, 108);  
box-shadow:4px 4px 4px 4px rgb(188, 153,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5565, 0.3940, 0.3908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 153, 108) }
```

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

```
.background{ background-color: rgb(188,  
153, 108) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor