

Converting Colors

$Yxy(34.8726, 0.3924, 0.4199)$

Have a look what the booklet for
Yxy(34.8726, 0.3924, 0.4199)
contains.

Yxy(34.9515, 0.3916, 0.4205)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.9515, 0.3916, 0.4205)

Conversions

Conversions Part 1

Format	Color
Hex	B19F5E
RGB	177, 159, 94
RGB Percent	69%, 62%, 37%
CMY	0.3059, 0.3764, 0.6314
CMYK	0.00, 0.10, 0.47, 0.31
HSL	47°, 35%, 53%
HSV	47°, 47%, 69%
XYZ	32.5494, 34.9515, 15.6180
YIQ	156.9720, 31.5930, -16.3990

Conversions

Conversions Part 2

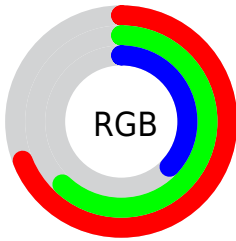
Format	Color
RYB	117, 177, 94
Decimal	11640670
CIELab	65.71, -2.39, 36.19
CIELCh	66, 36.266, 93.775
Yxy	34.9515, 0.3916, 0.4205
Android (android.graphics.Color)	4289830750 (0xFFB19F5E)
YUV	156.9720, -31.0452, 17.5646
Hunter-Lab	59.1198, -5.1836, 25.7208

Details

The Yxy color **34.9515, 0.3916, 0.4205** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.1384, 0.2310, 0.2158**, and the grayscale version is **33.8357, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.6609, 0.3765, 0.4033**, and **15.1333, 0.4134, 0.4461** is the 20% darker color. If you saturate the color by 10%, you get **33.3718, 0.4091, 0.4376**, and if you desaturate by 10%, it is **36.6483, 0.3737, 0.4015**.

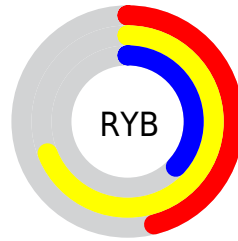
Distribution



Red (69%)

Green (62%)

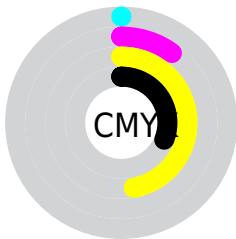
Blue (37%)



Red (46%)

Yellow (69%)

Blue (37%)

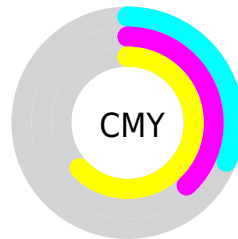


Cyan (0%)

Magenta (10%)

Yellow (47%)

Black (31%)



Cyan (31%)


Magenta (38%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9515, 0.3916, 0.4205 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 34.9515, 0.3916, 0.4205 by changing the saturation by 10% instead.


 34.9515, 0.3916,
0.4205


 34.9515, 0.3916,
0.4205

324.3542, 0.3515,
0.3735

 23.6255, 0.4013,
0.4322


 67.4106, 0.3771,
0.4033

 15.0561, 0.4134,
0.4468


 89.3126, 0.3716,
0.3969

 8.8587, 0.4283,
0.4654


 115.5086, 0.3670,
0.3914

 4.6492, 0.4486,
0.4913

 146.3831, 0.3630,
0.3868

 2.0429, 0.4741,
0.5259

182.3206, 0.3596,
0.3828

 0.6322, 0.4619,
0.5381

223.7053, 0.3565,

 0.0000, 0.0000,

0.3793

0.0000

270.9217, 0.3539,
0.3762

■ 34.9515, 0.3916,
0.4205

■ 34.9515, 0.3916,
0.4205

■ 33.3718, 0.4091,
0.4376

■ 36.6483, 0.3737,
0.4015

■ 31.8988, 0.4254,
0.4519

■ 38.4623, 0.3560,
0.3816

■ 30.5282, 0.4399,
0.4624

■ 40.3995, 0.3390,
0.3616

■ 29.2529, 0.4518,
0.4685

■ 42.4644, 0.3231,
0.3420

■ 28.0632, 0.4609,
0.4701

■ 44.6607, 0.3083,
0.3233

■ 27.7057, 0.4635,
0.4702

■ 46.9924, 0.2947,
0.3056

■ 49.4630, 0.2824,
0.2892

■ 52.0760, 0.2713,
0.2741

■ 54.8345, 0.2614,
0.2601

Harmonies

Analogous

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



34.9515, 0.4208, 0.3874



34.9515, 0.3916, 0.4205



34.9515, 0.3425, 0.4301

Triad

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



34.9515, 0.3916, 0.4205



34.9515, 0.2167, 0.2982



34.9515, 0.3310, 0.2671

Complementary

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



34.9515, 0.3916, 0.4205



17.1384, 0.2310, 0.2158

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.



34.9515, 0.2759, 0.2456



34.9515, 0.3916, 0.4205



34.9515, 0.2143, 0.2592

Square

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



34.9515, 0.3916, 0.4205



34.9515, 0.2425, 0.3531



34.9515, 0.2347, 0.2420



34.9515, 0.3852, 0.3022

Rectangle

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



34.9515, 0.3916, 0.4205



34.9515, 0.3058, 0.4173



34.9515, 0.2347, 0.2420



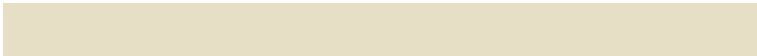
34.9515, 0.3118, 0.2582

Sweetspot

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



34.9531, 0.3916, 0.4205



73.3160, 0.3347, 0.3564



18.5512, 0.4076, 0.3008



15.7233, 0.3381, 0.3605



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



34.9531, 0.3916, 0.4205



59.7526, 0.4092, 0.4377



39.2067, 0.3592, 0.4509



9.5878, 0.3268, 0.3467



20.1656, 0.4629, 0.4707



0.7124, 0.4486, 0.4820

Inverse Universe

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



17.1384, 0.2310, 0.2158



24.1087, 0.2121, 0.1866



14.8999, 0.2471, 0.1922



8.5189, 0.2985, 0.3106



3.3968, 0.1568, 0.0846



0.1924, 0.1714, 0.1368

Previews

White Background



This preview shows how the Yxy color 34.9515, 0.3916, 0.4205 looks on a white background.

Color Contrast Check

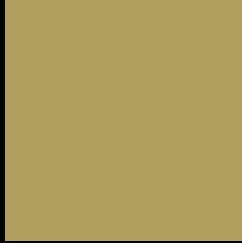
Large Text (above 18pt) WCAG AA × Fail

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 34.9515, 0.3916, 0.4205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

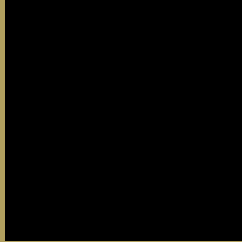
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9515, 0.3916, 0.4205

Background



This preview shows how black text looks on a background with the Yxy color 34.9515, 0.3916, 0.4205.

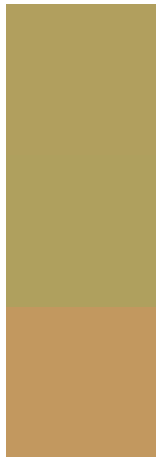


This preview shows how white text looks on a background with the Yxy color 34.9515, 0.3916, 0.4205.

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

34.9515, 0.3916, 0.4205

Protanopia

35.0637, 0.3888, 0.4225

Deuteranopia

34.7520, 0.4135, 0.4043



Tritanopia

34.9679, 0.3348, 0.3127

Trichromacy



Original Color

34.9515, 0.3916, 0.4205

Protanomaly

35.1799, 0.3899, 0.4221

Deuteranomaly

34.9603, 0.4050, 0.4101

Tritanomaly

34.7699, 0.3560, 0.3517

Monochromacy



Original Color

34.9515, 0.3916, 0.4205

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.0675, 0.3410, 0.3649

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9515, 0.3916, 0.4205 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(177, 159, 94)` looks like.

```
.text, #text, p{  
    color:rgb(177, 159, 94)  
}
```

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(177, 159, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 159, 94) }
```

Border

The CSS property to change the border of an element to Yxy 34.9515, 0.3916, 0.4205 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(177, 159, 94) }
```

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

```
.border{ border-color:rgb(177, 159, 94) }
```

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

Here you see how a box with a 4 pixel rgb(177, 159, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 159, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 159, 94);  
box-shadow:4px 4px 4px 4px rgb(177, 159,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9515, 0.3916, 0.4205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 159, 94) }
```

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

```
.background{ background-color: rgb(177,  
159, 94) }
```

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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