

Converting Colors

$Yxy(34.6629, 0.3852, 0.4314)$

Have a look what the booklet for
Yxy(34.6629, 0.3852, 0.4314)
contains.

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Color

Yxy(34.6629, 0.3852, 0.4314)

Conversions

Conversions Part 1

Format	Color
Hex	A9A15A
RGB	169, 161, 90
RGB Percent	66%, 63%, 35%
CMY	0.3373, 0.3686, 0.6470
CMYK	0.00, 0.05, 0.47, 0.34
HSL	54°, 31%, 51%
HSV	54°, 47%, 66%
XYZ	30.9507, 34.6629, 14.7362
YIQ	155.2980, 27.5590, -20.3850

Conversions

Conversions Part 2

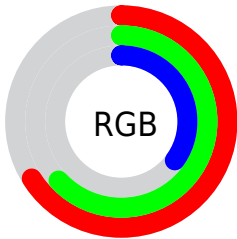
Format	Color
RYB	99, 169, 90
Decimal	11116890
CIELab	65.49, -7.24, 37.81
CIELCh	65, 38.494, 100.839
Yxy	34.6629, 0.3852, 0.4314
Android (android.graphics.Color)	4289306970 (0xFFA9A15A)
YUV	155.2980, -32.1919, 12.0167
Hunter-Lab	58.8752, -9.1940, 26.3727

Details

The Yxy color **34.6629, 0.3852, 0.4314** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.7734, 0.2286, 0.2000**, and the grayscale version is **33.0543, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2036, 0.3728, 0.4125**, and **14.9568, 0.4039, 0.4631** is the 20% darker color. If you saturate the color by 10%, you get **33.8160, 0.3997, 0.4503**, and if you desaturate by 10%, it is **35.5866, 0.3697, 0.4104**.

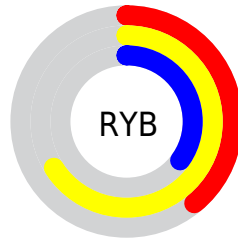
Distribution



Red (66%)

Green (63%)

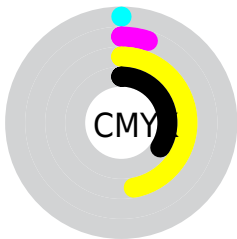
Blue (35%)



Red (39%)

Yellow (66%)

Blue (35%)

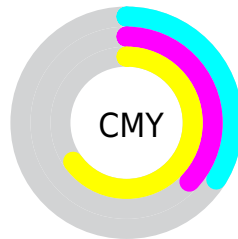


Cyan (0%)

Magenta (5%)

Yellow (47%)

Black (34%)



Cyan (34%)

Magenta (37%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.6629, 0.3852, 0.4314 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 34.6629, 0.3852, 0.4314 by changing the saturation by 10% instead.


 34.6629, 0.3852,
0.4314

 34.6629, 0.3852,
0.4314


323.0779, 0.3489,
0.3781


 23.4033, 0.3937,
0.4449


 66.9632, 0.3723,
0.4118

 14.8916, 0.4041,
0.4620


 88.7727, 0.3673,
0.4044

 8.7433, 0.4164,
0.4839


 114.8677, 0.3631,
0.3983

 4.5742, 0.4343,
0.5172

 145.6325, 0.3594,
0.3930

 1.9996, 0.4464,
0.5536

181.4515, 0.3563,
0.3885

 0.6073, 0.3974,
0.6026

222.7092, 0.3535,

 0.0000, 0.0000,

0.3846

0.0000

269.7898, 0.3511,
0.3811

■ 34.6629, 0.3852,
0.4314

■ 34.6629, 0.3852,
0.4314

■ 33.8160, 0.3997,
0.4503

■ 35.5866, 0.3697,
0.4104

■ 33.0366, 0.4125,
0.4661

■ 36.5863, 0.3538,
0.3882

■ 32.3211, 0.4231,
0.4781

■ 37.6674, 0.3379,
0.3657


■ 31.6637, 0.4311,
0.4859

■ 38.8336, 0.3226,
0.3435


■ 31.0559, 0.4365,
0.4895

■ 40.0879, 0.3081,
0.3221

 30.8622, 0.4381,
0.4903

 41.4335, 0.2945,
0.3019

 42.8734, 0.2820,
0.2830

 44.4104, 0.2706,
0.2656

 46.0471, 0.2602,
0.2496

Harmonies

Analogous

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



34.6629, 0.4227, 0.4000



34.6629, 0.3852, 0.4314



34.6629, 0.3302, 0.4343

Triad

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



34.6629, 0.3852, 0.4314



34.6629, 0.2084, 0.2842



34.6629, 0.3464, 0.2712

Complementary

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



34.6629, 0.3852, 0.4314



13.7734, 0.2286, 0.2000

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.



34.6629, 0.2863, 0.2447



34.6629, 0.3852, 0.4314



34.6629, 0.2116, 0.2485

Square

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



34.6629, 0.3852, 0.4314



34.6629, 0.2296, 0.3400



34.6629, 0.2385, 0.2361



34.6629, 0.4010, 0.3105

Rectangle

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



34.6629, 0.3852, 0.4314



34.6629, 0.2915, 0.4147



34.6629, 0.2385, 0.2361



34.6629, 0.3259, 0.2607

Sweetspot

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



34.6645, 0.3852, 0.4314



67.9769, 0.3341, 0.3602



16.6543, 0.4217, 0.3152



14.7241, 0.3373, 0.3648



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



34.6645, 0.3852, 0.4314



60.5348, 0.4000, 0.4507



34.5733, 0.3497, 0.4540



8.6424, 0.3264, 0.3491



23.0506, 0.4379, 0.4905



0.5966, 0.4310, 0.4960

Inverse Universe

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



13.7734, 0.2286, 0.2000



18.5593, 0.2081, 0.1667



14.1935, 0.2581, 0.1969



7.4180, 0.2986, 0.3081



2.4749, 0.1524, 0.0685



0.0967, 0.1619, 0.1028

Previews

White Background



This preview shows how the Yxy color 34.6629, 0.3852, 0.4314 looks on a white background.

Color Contrast Check

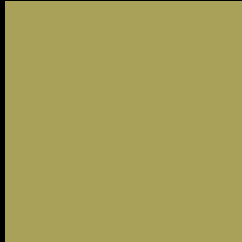
Large Text (above 18pt) WCAG AA × Fail

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 34.6629, 0.3852, 0.4314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

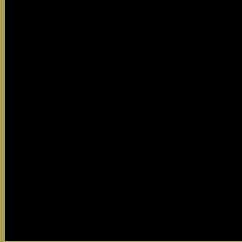
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.6629, 0.3852, 0.4314

Background



This preview shows how black text looks on a background with the Yxy color 34.6629, 0.3852, 0.4314.



This preview shows how white text looks on a background with the Yxy color 34.6629, 0.3852, 0.4314.

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

34.6629, 0.3852, 0.4314

Protanopia

34.6315, 0.3937, 0.4277

Deuteranopia

34.5666, 0.4152, 0.4083



Tritanopia

34.4839, 0.3266, 0.3123

Trichromacy



Original Color

34.6629, 0.3852, 0.4314

Protanomaly

34.7471, 0.3910, 0.4298

Deuteranomaly

34.3884, 0.4044, 0.4166

Tritanomaly

34.2475, 0.3494, 0.3551

Monochromacy



Original Color

34.6629, 0.3852, 0.4314

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.2262, 0.3400, 0.3686

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6629, 0.3852, 0.4314 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(169, 161, 90)` looks like.

```
.text, #text, p{  
    color:rgb(169, 161, 90)  
}
```

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(169, 161, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 161, 90) }
```

Border

The CSS property to change the border of an element to Yxy 34.6629, 0.3852, 0.4314 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(169, 161, 90) }
```

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

```
.border{ border-color:rgb(169, 161, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 161, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 161, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 161, 90);  
box-shadow:4px 4px 4px 4px rgb(169, 161,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6629, 0.3852, 0.4314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 161, 90) }
```

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

```
.background{ background-color: rgb(169,  
161, 90) }
```

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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