

Converting Colors

$Yxy(34.5043, 0.4003, 0.4376)$

Have a look what the booklet for
Yxy(34.5043, 0.4003, 0.4376)
contains.

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Color

Yxy(34.5043, 0.4003, 0.4376)

Conversions

Conversions Part 1

Format	Color
Hex	AF9F51
RGB	175, 159, 81
RGB Percent	69%, 62%, 32%
CMY	0.3137, 0.3765, 0.6823
CMYK	0.00, 0.09, 0.54, 0.31
HSL	50°, 37%, 50%
HSV	50°, 54%, 69%
XYZ	31.5632, 34.5043, 12.7814
YIQ	154.8920, 34.5740, -20.8660

Conversions

Conversions Part 2

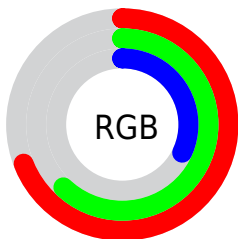
Format	Color
RYB	100, 175, 81
Decimal	11509585
CIELab	65.36, -4.45, 42.35
CIELCh	65, 42.583, 95.996
Yxy	34.5043, 0.4003, 0.4376
Android (android.graphics.Color)	4289699665 (0xFFAF9F51)
YUV	154.8920, -36.4288, 17.6347
Hunter-Lab	58.7404, -6.8814, 28.2172

Details

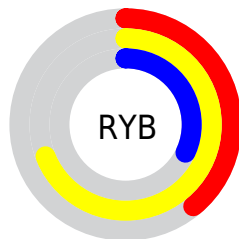
The Yxy color **34.5043, 0.4003, 0.4376** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **13.3950, 0.2166, 0.1883**, and the grayscale version is **32.8819, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.4102, 0.3850, 0.4175**, and **14.8171, 0.4223, 0.4685** is the 20% darker color. If you saturate the color by 10%, you get **33.2640, 0.4157, 0.4536**, and if you desaturate by 10%, it is **35.8401, 0.3838, 0.4190**.

Distribution



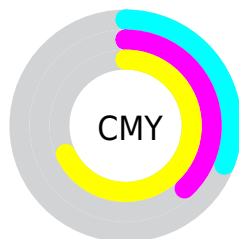
- Red (69%)
- Green (62%)
- Blue (32%)



- Red (39%)
- Yellow (69%)
- Blue (32%)



- Cyan (0%)
- Magenta (9%)
- Yellow (54%)
- Black (31%)





- Cyan (31%)
- Magenta (38%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5043, 0.4003, 0.4376 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 34.5043, 0.4003, 0.4376 by changing the saturation by 10% instead.


 34.5043, 0.4003,
0.4376

 34.5043, 0.4003,
0.4376


322.3749, 0.3565,
0.3820


 23.2813, 0.4104,
0.4511


 66.7171, 0.3848,
0.4175

 14.8013, 0.4225,
0.4677


 88.4757, 0.3788,
0.4099


 8.6801, 0.4365,
0.4880


 114.5150, 0.3737,
0.4034

 4.5331, 0.4632,
0.5257

 145.2193, 0.3693,
0.3979

 1.9760, 0.4623,
0.5377

 180.9731, 0.3655,
0.3931

 0.5935, 0.4342,
0.5658

222.1606, 0.3621,

 0.0000, 0.0000,

0.3889

0.0000

269.1665, 0.3592,
0.3852

■ 34.5043, 0.4003,
0.4376

■ 34.5043, 0.4003,
0.4376

■ 33.2640, 0.4157,
0.4536

■ 35.8401, 0.3838,
0.4190

■ 32.1090, 0.4292,
0.4660

■ 37.2716, 0.3668,
0.3988

■ 31.0346, 0.4402,
0.4742

■ 38.8049, 0.3499,
0.3778

■ 30.0333, 0.4485,
0.4779

■ 40.4440, 0.3336,
0.3568

■ 29.4309, 0.4528,
0.4787

■ 42.1930, 0.3182,
0.3364

■ 44.0553, 0.3038,
0.3169

■ 46.0345, 0.2906,
0.2986

■ 48.1338, 0.2786,
0.2816

■ 50.3564, 0.2677,
0.2659

Harmonies

Analogous

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



34.5043, 0.4377, 0.3985



34.5043, 0.4003, 0.4376



34.5043, 0.3415, 0.4487

Triad

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



34.5043, 0.4003, 0.4376



34.5043, 0.2003, 0.2875



34.5043, 0.3387, 0.2599

Complementary

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



34.5043, 0.4003, 0.4376



13.3950, 0.2166, 0.1883

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.



34.5043, 0.2735, 0.2340



34.5043, 0.4003, 0.4376



34.5043, 0.1998, 0.2448

Square

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



34.5043, 0.4003, 0.4376



34.5043, 0.2273, 0.3519



34.5043, 0.2249, 0.2278



34.5043, 0.4022, 0.3006

Rectangle

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



34.5043, 0.4003, 0.4376



34.5043, 0.2987, 0.4321



34.5043, 0.2249, 0.2278



34.5043, 0.3160, 0.2494

Sweetspot

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



34.5059, 0.4003, 0.4376



71.6595, 0.3377, 0.3621



15.8862, 0.4375, 0.3043



15.7947, 0.3410, 0.3664



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.



34.5059, 0.4003, 0.4376



59.2748, 0.4177, 0.4555



37.2968, 0.3598, 0.4703



9.0947, 0.3267, 0.3477



21.1538, 0.4523, 0.4790



0.6488, 0.4408, 0.4882

Inverse Universe

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



13.3950, 0.2166, 0.1883



17.7198, 0.1956, 0.1540



12.3454, 0.2404, 0.1725



7.9694, 0.2986, 0.3096



2.9381, 0.1547, 0.0770



0.1465, 0.1682, 0.1253

Previews

White Background



This preview shows how the Yxy color 34.5043, 0.4003, 0.4376 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 34.5043, 0.4003, 0.4376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

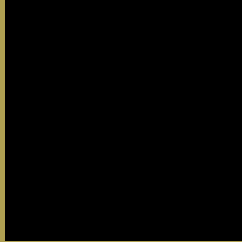
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.5043, 0.4003, 0.4376

Background



This preview shows how black text looks on a background with the Yxy color 34.5043, 0.4003, 0.4376.



This preview shows how white text looks on a background with the Yxy color 34.5043, 0.4003, 0.4376.

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

34.5043, 0.4003, 0.4376

Protanopia

34.5043, 0.4003, 0.4376

Deuteranopia

34.3599, 0.4261, 0.4167



Tritanopia

34.4886, 0.3349, 0.3126

Trichromacy



Original Color

34.5043, 0.4003, 0.4376

Protanomaly

34.5043, 0.4003, 0.4376

Deuteranomaly

34.4118, 0.4171, 0.4245

Tritanomaly

34.1792, 0.3603, 0.3575

Monochromacy



Original Color

34.5043, 0.4003, 0.4376

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.0168, 0.3452, 0.3715

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5043, 0.4003, 0.4376 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(175, 159, 81)` looks like.

```
.text, #text, p{  
    color:rgb(175, 159, 81)  
}
```

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(175, 159, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 159, 81) }
```

Border

The CSS property to change the border of an element to Yxy 34.5043, 0.4003, 0.4376 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(175, 159, 81) }
```

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

```
.border{ border-color:rgb(175, 159, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 159, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 159, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 159, 81);  
box-shadow:4px 4px 4px 4px rgb(175, 159,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5043, 0.4003, 0.4376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 159, 81) }
```

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

```
.background{ background-color: rgb(175,  
159, 81) }
```

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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