

Converting Colors

Yxy(34.6197, 0.3887, 0.4402)

Have a look what the booklet for
Yxy(34.6197, 0.3887, 0.4402)
contains.

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Color

Yxy(34.4547, 0.3891, 0.4396)

Conversions

Conversions Part 1

Format	Color
Hex	A8A154
RGB	168, 161, 84
RGB Percent	66%, 63%, 33%
CMY	0.3411, 0.3686, 0.6707
CMYK	0.00, 0.04, 0.50, 0.34
HSL	55°, 33%, 49%
HSV	55°, 50%, 66%
XYZ	30.4966, 34.4547, 13.4260
YIQ	154.3150, 28.8890, -22.4630

Conversions

Conversions Part 2

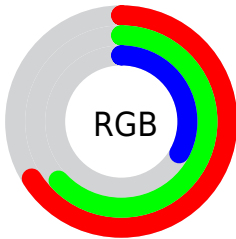
Format	Color
RYB	92, 168, 84
Decimal	11051348
CIELab	65.32, -8.22, 40.66
CIELCh	65, 41.487, 101.434
Yxy	34.4547, 0.3891, 0.4396
Android (android.graphics.Color)	4289241428 (0xFFA8A154)
YUV	154.3150, -34.6653, 12.0017
Hunter-Lab	58.6981, -9.9820, 27.5273

Details

The Yxy color **34.4547, 0.3891, 0.4396** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **12.1950, 0.2215, 0.1867**, and the grayscale version is **32.6076, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.8686, 0.3760, 0.4192**, and **14.8506, 0.4076, 0.4722** is the 20% darker color. If you saturate the color by 10%, you get **33.7357, 0.4026, 0.4578**, and if you desaturate by 10%, it is **35.2455, 0.3742, 0.4189**.

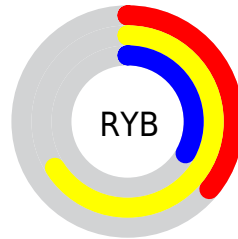
Distribution



Red (66%)

Green (63%)

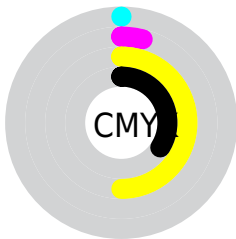
Blue (33%)



Red (36%)

Yellow (66%)

Blue (33%)

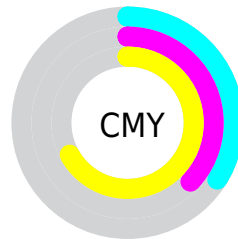


Cyan (0%)

Magenta (4%)

Yellow (50%)

Black (34%)



Cyan (34%)


Magenta (37%)

Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.4547, 0.3891, 0.4396 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 34.4547, 0.3891, 0.4396 by changing the saturation by 10% instead.


 34.4547, 0.3891,
0.4396


 34.4547, 0.3891,
0.4396


322.1548, 0.3512,
0.3821


 23.2431, 0.3978,
0.4540


 66.6401, 0.3757,
0.4185


 14.7731, 0.4081,
0.4721

 88.3828, 0.3705,
0.4106


 8.6603, 0.4199,
0.4950


 114.4046, 0.3661,
0.4039

 4.5203, 0.4408,
0.5344

 145.0900, 0.3623,
0.3983

 1.9687, 0.4404,
0.5596

 180.8233, 0.3590,
0.3934

 0.5892, 0.3788,
0.6212

221.9889, 0.3560,

 0.0000, 0.0000,

0.3891

0.0000

268.9713, 0.3534,
0.3854

■ 34.4547, 0.3891,
0.4396

■ 34.4547, 0.3891,
0.4396

■ 33.7357, 0.4026,
0.4578

■ 35.2455, 0.3742,
0.4189

■ 33.0792, 0.4143,
0.4726

■ 36.1076, 0.3587,
0.3968

■ 32.4815, 0.4235,
0.4834

■ 37.0462, 0.3429,
0.3739

■ 31.9365, 0.4301,
0.4900

■ 38.0650, 0.3275,
0.3511

■ 31.4314, 0.4346,
0.4931

■ 39.1673, 0.3127,
0.3290

■ 40.3560, 0.2988,
0.3080

■ 41.6343, 0.2860,
0.2883

■ 43.0047, 0.2741,
0.2700

■ 44.4701, 0.2633,
0.2532

Harmonies

Analogous

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



34.4547, 0.4304, 0.4053



34.4547, 0.3891, 0.4396



34.4547, 0.3297, 0.4430

Triad

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



34.4547, 0.3891, 0.4396



34.4547, 0.2008, 0.2792



34.4547, 0.3502, 0.2678

Complementary

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



34.4547, 0.3891, 0.4396



12.1950, 0.2215, 0.1867

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.



34.4547, 0.2853, 0.2394



34.4547, 0.3891, 0.4396



34.4547, 0.2049, 0.2419

Square

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



34.4547, 0.3891, 0.4396



34.4547, 0.2227, 0.3392



34.4547, 0.2339, 0.2295



34.4547, 0.4091, 0.3097

Rectangle

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



34.4547, 0.3891, 0.4396



34.4547, 0.2882, 0.4214



34.4547, 0.2339, 0.2295



34.4547, 0.3280, 0.2565

Sweetspot

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



34.4563, 0.3891, 0.4396



68.0632, 0.3356, 0.3631



15.4444, 0.4360, 0.3166



14.7544, 0.3387, 0.3677



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.



34.4563, 0.3891, 0.4396



61.0652, 0.4040, 0.4596



33.7555, 0.3503, 0.4636



8.6649, 0.3264, 0.3495



23.7647, 0.4345, 0.4932



0.6084, 0.4289, 0.4976

Inverse Universe

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



12.1950, 0.2215, 0.1867



16.0619, 0.1996, 0.1508



12.9890, 0.2548, 0.1875



7.3976, 0.2986, 0.3076



2.4068, 0.1519, 0.0668



0.0890, 0.1600, 0.0959

Previews

White Background



This preview shows how the Yxy color 34.4547, 0.3891, 0.4396 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 34.4547, 0.3891, 0.4396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

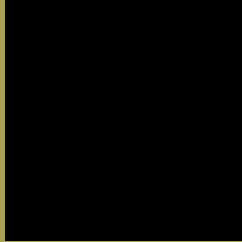
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.4547, 0.3891, 0.4396

Background



This preview shows how black text looks on a background with the Yxy color 34.4547, 0.3891, 0.4396.



This preview shows how white text looks on a background with the Yxy color 34.4547, 0.3891, 0.4396.

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

34.4547, 0.3891, 0.4396

Protanopia

34.5348, 0.3987, 0.4352

Deuteranopia

34.2744, 0.4224, 0.4137



Tritanopia

34.3669, 0.3256, 0.3122

Trichromacy



Original Color

34.4547, 0.3891, 0.4396

Protanomaly

34.5368, 0.3948, 0.4378

Deuteranomaly

34.4129, 0.4106, 0.4235

Tritanomaly

34.0762, 0.3503, 0.3581

Monochromacy



Original Color

34.4547, 0.3891, 0.4396

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

33.0698, 0.3409, 0.3718

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4547, 0.3891, 0.4396 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(168, 161, 84)` looks like.

```
.text, #text, p{  
    color:rgb(168, 161, 84)  
}
```

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(168, 161, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 161, 84) }
```

Border

The CSS property to change the border of an element to Yxy 34.4547, 0.3891, 0.4396 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(168, 161, 84) }
```

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

```
.border{ border-color:rgb(168, 161, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 161, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 161, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 161, 84);  
box-shadow:4px 4px 4px 4px rgb(168, 161,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4547, 0.3891, 0.4396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 161, 84) }
```

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

```
.background{ background-color: rgb(168,  
161, 84) }
```

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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