

Converting Colors

Yxy(34.5006, 0.3351, 0.3424)

Have a look what the booklet for
Yxy(34.5006, 0.3351, 0.3424)
contains.

Yxy(34.4296, 0.3352, 0.3421)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.4296, 0.3352, 0.3421)

Conversions

Conversions Part 1

Format	Color
Hex	AA9C93
RGB	170, 156, 147
RGB Percent	67%, 61%, 58%
CMY	0.3333, 0.3882, 0.4235
CMYK	0.00, 0.08, 0.14, 0.33
HSL	23°, 12%, 62%
HSV	23°, 14%, 67%
XYZ	33.7352, 34.4296, 32.4771
YIQ	159.1600, 11.2330, 0.1690

Conversions

Conversions Part 2

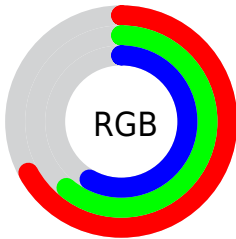
Format	Color
RYB	170, 162, 147
Decimal	11181203
CIELab	65.30, 3.57, 6.55
CIElCh	65, 7.458, 61.382
Yxy	34.4296, 0.3352, 0.3421
Android (android.graphics.Color)	4289371283 (0xFFAA9C93)
YUV	159.1600, -5.9949, 9.5067
Hunter-Lab	58.6767, -0.0588, 8.2571

Details

The Yxy color **34.4296, 0.3352, 0.3421** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.6066, 0.2922, 0.3155**, and the grayscale version is **34.7738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.3178, 0.3305, 0.3390**, and **14.7992, 0.3436, 0.3475** is the 20% darker color. If you saturate the color by 10%, you get **30.6064, 0.3550, 0.3524**, and if you desaturate by 10%, it is **38.6313, 0.3181, 0.3323**.

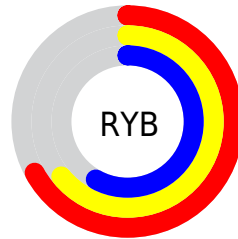
Distribution



Red (67%)

Green (61%)

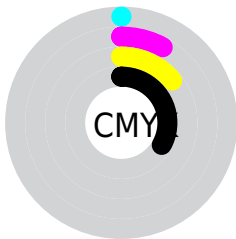
Blue (58%)



Red (67%)

Yellow (64%)

Blue (58%)

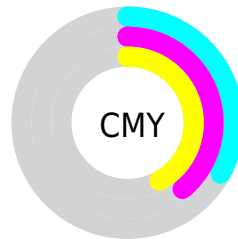


Cyan (0%)

Magenta (8%)

Yellow (14%)

Black (33%)



Cyan (33%)


Magenta (39%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.4296, 0.3352, 0.3421 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 34.4296, 0.3352, 0.3421 by changing the saturation by 10% instead.


 34.4296, 0.3352,
0.3421


 34.4296, 0.3352,
0.3421


322.0434, 0.3233,
0.3353

 23.2238, 0.3384,
0.3439


 66.6012, 0.3307,
0.3396

 14.7589, 0.3426,
0.3462


 88.3358, 0.3291,
0.3386

 8.6503, 0.3485,
0.3494

114.3488, 0.3277,
0.3379

 4.5138, 0.3572,
0.3541

145.0245, 0.3266,
0.3372

 1.9649, 0.3716,
0.3614

180.7475, 0.3256,
0.3366

 0.5870, 0.4564,
0.4153

221.9020, 0.3248,

 0.0000, 0.0000,

0.3361

0.0000

268.8725, 0.3240,
0.3357

■ 34.4296, 0.3352,
0.3421

■ 34.4296, 0.3352,
0.3421

■ 30.6064, 0.3550,
0.3524

■ 38.6313, 0.3181,
0.3323

■ 27.1463, 0.3779,
0.3630

■ 43.2173, 0.3035,
0.3232

■ 24.0394, 0.4040,
0.3733

■ 48.1989, 0.2910,
0.3147

■ 21.2738, 0.4331,
0.3827

■ 53.5858, 0.2802,
0.3070

■ 18.8367, 0.4645,
0.3902

■ 59.3871, 0.2709,
0.2999

■ 16.7144, 0.4968,
0.3946

■ 65.6117, 0.2629,
0.2934

■ 14.8921, 0.5279,
0.3946

■ 71.5378, 0.2614,
0.2991

■ 13.3530, 0.5552,
0.3896

■ 77.4266, 0.2629,
0.3110

■ 12.4928, 0.5712,
0.3846

■ 83.6631, 0.2644,
0.3225

Harmonies

Analogous

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



34.4296, 0.3340, 0.3329



34.4296, 0.3352, 0.3421



34.4296, 0.3303, 0.3480

Triad

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



34.4296, 0.3352, 0.3421



34.4296, 0.2986, 0.3351



34.4296, 0.3045, 0.3099

Complementary

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



34.4296, 0.3352, 0.3421



34.6066, 0.2922, 0.3155

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.



34.4296, 0.2953, 0.3102



34.4296, 0.3352, 0.3421



34.4296, 0.2919, 0.3245

Square

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



34.4296, 0.3352, 0.3421



34.4296, 0.3091, 0.3441



34.4296, 0.2907, 0.3154



34.4296, 0.3161, 0.3146

Rectangle

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



34.4296, 0.3352, 0.3421



34.4296, 0.3243, 0.3492



34.4296, 0.2907, 0.3154



34.4296, 0.3010, 0.3094

Sweetspot

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



34.4311, 0.3352, 0.3421



69.6477, 0.3190, 0.3328



31.9997, 0.3228, 0.3086



15.4016, 0.3202, 0.3335



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



34.4311, 0.3352, 0.3421



60.4773, 0.3404, 0.3449



38.4125, 0.3330, 0.3581



8.0051, 0.3276, 0.3379



9.2905, 0.5693, 0.3862



0.3260, 0.5097, 0.4335

Inverse Universe

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



34.6066, 0.2922, 0.3155



60.8528, 0.2879, 0.3125



30.8237, 0.2917, 0.2982



8.0326, 0.2987, 0.3200



9.4676, 0.1884, 0.1981



0.3254, 0.2018, 0.2463

Previews

White Background



This preview shows how the Yxy color 34.4296, 0.3352, 0.3421 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 34.4296, 0.3352, 0.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

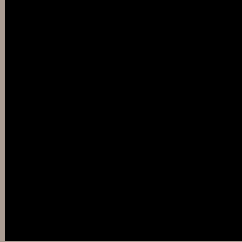
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

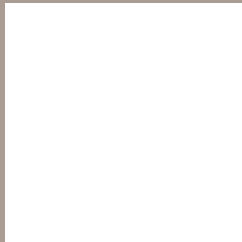
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.4296, 0.3352, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 34.4296, 0.3352, 0.3421.



This preview shows how white text looks on a background with the Yxy color 34.4296, 0.3352, 0.3421.

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

34.4296, 0.3352, 0.3421

Protanopia

34.4844, 0.3278, 0.3438

Deuteranopia

34.3856, 0.3431, 0.3362



Tritanopia

34.2697, 0.3205, 0.3120

Trichromacy



Original Color

34.4296, 0.3352, 0.3421

Protanomaly

34.3591, 0.3300, 0.3423

Deuteranomaly

34.3633, 0.3398, 0.3377

Tritanomaly

34.2378, 0.3260, 0.3233

Monochromacy



Original Color

34.4296, 0.3352, 0.3421

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.6068, 0.3203, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4296, 0.3352, 0.3421 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(170, 156, 147)` looks like.

```
.text, #text, p{  
    color:rgb(170, 156, 147)  
}
```

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(170, 156, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 156, 147) }
```

Border

The CSS property to change the border of an element to Yxy 34.4296, 0.3352, 0.3421 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(170, 156, 147) }
```

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

```
.border{ border-color:rgb(170, 156, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 156, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 156, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 156, 147);  
box-shadow:4px 4px 4px 4px rgb(170, 156,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4296, 0.3352, 0.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 156, 147) }
```

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

```
.background{ background-color: rgb(170,  
156, 147) }
```

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