

Converting Colors

Yxy(34.5186, 0.3353, 0.3802)

Have a look what the booklet for
Yxy(34.5186, 0.3353, 0.3802)
contains.

Yxy(34.3942, 0.3355, 0.3796)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.3942, 0.3355, 0.3796)

Conversions

Conversions Part 1

Format	Color
Hex	9BA281
RGB	155, 162, 129
RGB Percent	61%, 64%, 51%
CMY	0.3922, 0.3647, 0.4940
CMYK	0.04, 0.00, 0.20, 0.36
HSL	73°, 15%, 57%
HSV	73°, 20%, 64%
XYZ	30.3985, 34.3942, 25.8138
YIQ	156.1450, 6.4210, -11.7470

Conversions

Conversions Part 2

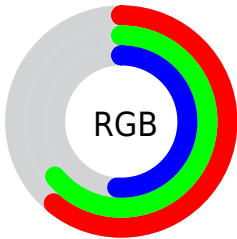
Format	Color
RYB	129, 162, 136
Decimal	10199681
CIELab	65.27, -8.39, 16.35
CIElCh	65, 18.371, 117.163
Yxy	34.3942, 0.3355, 0.3796
Android (android.graphics.Color)	4288389761 (0xFF9BA281)
YUV	156.1450, -13.3825, -1.0042
Hunter-Lab	58.6466, -10.1090, 14.9556

Details

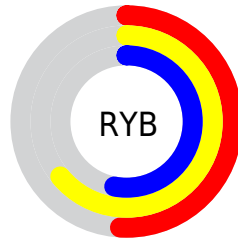
The Yxy color **34.3942, 0.3355, 0.3796** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.5550, 0.2869, 0.2754**, and the grayscale version is **33.3726, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7047, 0.3315, 0.3695**, and **14.6741, 0.3427, 0.3949** is the 20% darker color. If you saturate the color by 10%, you get **33.6616, 0.3466, 0.4057**, and if you desaturate by 10%, it is **35.2079, 0.3242, 0.3541**.

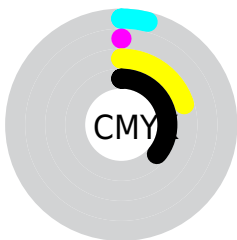
Distribution



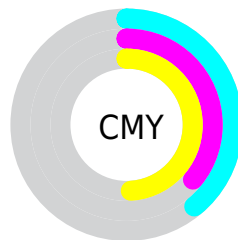
- Red (61%)
- Green (64%)
- Blue (51%)



- Red (51%)
- Yellow (64%)
- Blue (53%)



- Cyan (4%)
- Magenta (0%)
- Yellow (20%)
- Black (36%)




- Cyan (39%)
- Magenta (36%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3942, 0.3355, 0.3796 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 34.3942, 0.3355, 0.3796 by changing the saturation by 10% instead.

 34.3942, 0.3355,
0.3796


 34.3942, 0.3355,
0.3796


321.8862, 0.3238,
0.3526


 23.1966, 0.3385,
0.3870


 66.5462, 0.3312,
0.3693

 14.7387, 0.3423,
0.3968


 88.2694, 0.3296,
0.3656

 8.6362, 0.3474,
0.4105


 114.2699, 0.3283,
0.3625

 4.5047, 0.3544,
0.4310

144.9322, 0.3271,
0.3599

 1.9597, 0.3663,
0.4672

180.6405, 0.3261,
0.3577

 0.5839, 0.3749,
0.6251

221.7794, 0.3253,

 0.0000, 0.0000,

0.3558

0.0000

268.7332, 0.3245,
0.3541

■ 34.3942, 0.3355,
0.3796

■ 34.3942, 0.3355,
0.3796

■ 33.6616, 0.3466,
0.4057

■ 35.2079, 0.3242,
0.3541

■ 33.0023, 0.3570,
0.4317

■ 36.1012, 0.3131,
0.3298

■ 32.4143, 0.3663,
0.4567

■ 37.0786, 0.3024,
0.3071

■ 31.8936, 0.3740,
0.4797

■ 38.1429, 0.2922,
0.2860

■ 31.4360, 0.3796,
0.4995

■ 39.2965, 0.2826,
0.2668

■ 31.0367, 0.3828,
0.5154

■ 40.5421, 0.2737,
0.2493

■ 30.6898, 0.3835,
0.5268

■ 41.8820, 0.2655,
0.2334

■ 30.3924, 0.3825,
0.5345

■ 43.0823, 0.2602,
0.2224

■ 43.5098, 0.2627,
0.2231

Harmonies

Analogous

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



34.3942, 0.3584, 0.3742



34.3942, 0.3355, 0.3796



34.3942, 0.3072, 0.3700

Triad

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



34.3942, 0.3355, 0.3796



34.3942, 0.2593, 0.2975



34.3942, 0.3443, 0.3108

Complementary

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



34.3942, 0.3355, 0.3796



23.5550, 0.2869, 0.2754

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.



34.3942, 0.3163, 0.2924



34.3942, 0.3355, 0.3796



34.3942, 0.2681, 0.2842

Square

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



34.3942, 0.3355, 0.3796



34.3942, 0.2640, 0.3205



34.3942, 0.2885, 0.2828



34.3942, 0.3639, 0.3339

Rectangle

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



34.3942, 0.3355, 0.3796



34.3942, 0.2891, 0.3561



34.3942, 0.2885, 0.2828



34.3942, 0.3355, 0.3039

Sweetspot

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



34.3957, 0.3355, 0.3796



64.5804, 0.3195, 0.3437



26.7699, 0.3501, 0.3394



14.4824, 0.3202, 0.3451



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



34.3957, 0.3355, 0.3796



61.8732, 0.3401, 0.3903



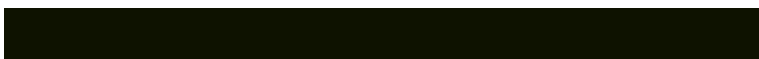
32.9114, 0.3196, 0.3822



8.1607, 0.3230, 0.3514



23.9602, 0.3828, 0.5343



0.5215, 0.3969, 0.5231

Inverse Universe

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



23.5550, 0.2869, 0.2754



38.9091, 0.2808, 0.2633



25.0025, 0.3041, 0.2781



6.9293, 0.3018, 0.3060



2.3461, 0.1623, 0.0668



0.0677, 0.1959, 0.0853

Previews

White Background



This preview shows how the Yxy color 34.3942, 0.3355, 0.3796 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 34.3942, 0.3355, 0.3796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

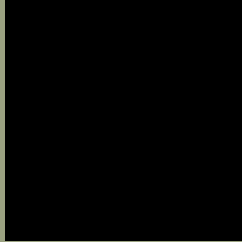
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.3942, 0.3355, 0.3796

Background



This preview shows how black text looks on a background with the Yxy color 34.3942, 0.3355, 0.3796.



This preview shows how white text looks on a background with the Yxy color 34.3942, 0.3355, 0.3796.

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

34.3942, 0.3355, 0.3796

Protanopia

34.3109, 0.3519, 0.3749

Deuteranopia

34.1624, 0.3659, 0.3587



Tritanopia

34.5556, 0.3059, 0.3116

Trichromacy



Original Color

34.3942, 0.3355, 0.3796

Protanomaly

34.1413, 0.3454, 0.3756

Deuteranomaly

34.2729, 0.3549, 0.3669

Tritanomaly

34.5003, 0.3172, 0.3364

Monochromacy



Original Color

34.3942, 0.3355, 0.3796

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.5970, 0.3217, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3942, 0.3355, 0.3796 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(155, 162, 129)` looks like.

```
.text, #text, p{  
    color:rgb(155, 162, 129)  
}
```

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(155, 162, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 162, 129) }
```

Border

The CSS property to change the border of an element to Yxy 34.3942, 0.3355, 0.3796 is called "border". The border property can be set on classes, ids or directly on the HTML element.

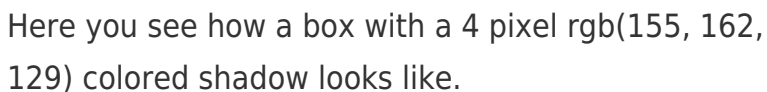
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 162, 129) }
```

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

```
.border{ border-color:rgb(155, 162, 129) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 162, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 162, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 162, 129); box-shadow:4px 4px 4px 4px rgb(155, 162, 129) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3942, 0.3355, 0.3796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 162, 129) }
```

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

```
.background{ background-color: rgb(155,  
162, 129) }
```

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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