

Converting Colors

$Yxy(34.8408, 0.3347, 0.3897)$

Have a look what the booklet for
Yxy(34.8408, 0.3347, 0.3897)
contains.

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Color

Yxy(34.9702, 0.3344, 0.3909)

Conversions

Conversions Part 1

Format	Color
Hex	97A57D
RGB	151, 165, 125
RGB Percent	59%, 65%, 49%
CMY	0.4079, 0.3529, 0.5098
CMYK	0.09, 0.00, 0.24, 0.35
HSL	81°, 18%, 57%
HSV	81°, 24%, 65%
XYZ	29.9157, 34.9702, 24.5749
YIQ	156.2540, 4.4960, -15.4080

Conversions

Conversions Part 2

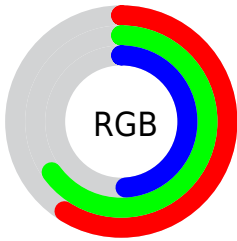
Format	Color
RYB	125, 165, 139
Decimal	9938301
CIELab	65.73, -12.15, 19.14
CIELCh	66, 22.668, 122.416
Yxy	34.9702, 0.3344, 0.3909
Android (android.graphics.Color)	4288128381 (0xFF97A57D)
YUV	156.2540, -15.4082, -4.6078
Hunter-Lab	59.1356, -13.1873, 16.7559

Details

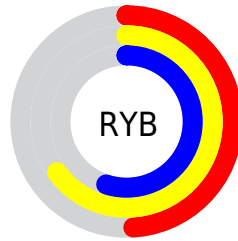
The Yxy color $34.9702, 0.3344, 0.3909$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $22.8764, 0.2869, 0.2649$, and the grayscale version is $33.4326, 0.3127, 0.3290$.

A 20% lighter version of the original color is $67.5226, 0.3307, 0.3780$, and $15.0414, 0.3407, 0.4111$ is the 20% darker color. If you saturate the color by 10%, you get $34.0442, 0.3429, 0.4184$, and if you desaturate by 10%, it is $35.9965, 0.3255, 0.3643$.

Distribution



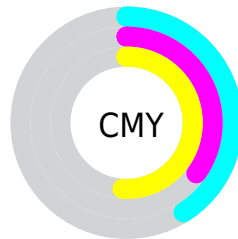
- Red (59%)
- Green (65%)
- Blue (49%)



- Red (49%)
- Yellow (65%)
- Blue (55%)



- Cyan (9%)
- Magenta (0%)
- Yellow (24%)
- Black (35%)





- Cyan (41%)
- Magenta (35%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9702, 0.3344, 0.3909 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 34.9702, 0.3344, 0.3909 by changing the saturation by 10% instead.

 34.9702, 0.3344,
0.3909

 34.9702, 0.3344,
0.3909


324.4368, 0.3235,
0.3577


 23.6399, 0.3371,
0.4000


 67.4396, 0.3305,
0.3783

 15.0667, 0.3404,
0.4121

 89.3475, 0.3290,
0.3737

 8.8662, 0.3447,
0.4290


 115.5501, 0.3277,
0.3699

 4.6540, 0.3501,
0.4543

146.4317, 0.3267,
0.3667

 2.0457, 0.3610,
0.5021

182.3768, 0.3257,
0.3640

 0.6338, 0.3254,
0.6746

223.7698, 0.3249,

 0.0000, 0.0000,

0.3616

0.0000

270.9950, 0.3242,
0.3595

■ 34.9702, 0.3344,
0.3909

■ 34.9702, 0.3344,
0.3909

■ 34.0442, 0.3429,
0.4184

■ 35.9965, 0.3255,
0.3643

■ 33.2101, 0.3505,
0.4459

■ 37.1222, 0.3165,
0.3392

■ 32.4652, 0.3568,
0.4726

■ 38.3522, 0.3077,
0.3158

■ 31.8051, 0.3614,
0.4971

■ 39.6895, 0.2992,
0.2943

■ 31.2247, 0.3637,
0.5183

■ 41.1375, 0.2911,
0.2748

■ 30.7183, 0.3637,
0.5351

■ 42.6988, 0.2836,
0.2571

■ 30.2791, 0.3613,
0.5472

■ 44.3765, 0.2765,
0.2412

■ 30.0476, 0.3594,
0.5528

■ 46.0430, 0.2713,
0.2288

■ 46.8410, 0.2757,
0.2300

Harmonies

Analogous

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



34.9702, 0.3645, 0.3866



34.9702, 0.3344, 0.3909



34.9702, 0.2996, 0.3759

Triad

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



34.9702, 0.3344, 0.3909



34.9702, 0.2486, 0.2864



34.9702, 0.3567, 0.3113

Complementary

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



34.9702, 0.3344, 0.3909



22.8764, 0.2869, 0.2649

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.



34.9702, 0.3232, 0.2879



34.9702, 0.3344, 0.3909



34.9702, 0.2617, 0.2731

Square

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



34.9702, 0.3344, 0.3909



34.9702, 0.2512, 0.3126



34.9702, 0.2885, 0.2741



34.9702, 0.3783, 0.3396

Rectangle

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



34.9702, 0.3344, 0.3909



34.9702, 0.2785, 0.3570



34.9702, 0.2885, 0.2741



34.9702, 0.3463, 0.3027

Sweetspot

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



34.9717, 0.3344, 0.3909



65.8741, 0.3191, 0.3462



27.9476, 0.3570, 0.3507



14.3769, 0.3196, 0.3476



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.



34.9717, 0.3344, 0.3909



61.7240, 0.3390, 0.4054



33.2203, 0.3151, 0.3947



8.1124, 0.3210, 0.3516



22.7567, 0.3600, 0.5524



0.5030, 0.3824, 0.5346

Inverse Universe

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



22.8764, 0.2869, 0.2649



36.3325, 0.2801, 0.2492



24.7562, 0.3088, 0.2689



6.9752, 0.3039, 0.3061



2.7587, 0.1787, 0.0758



0.0836, 0.2213, 0.0993

Previews

White Background



This preview shows how the Yxy color 34.9702, 0.3344, 0.3909 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 34.9702, 0.3344, 0.3909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

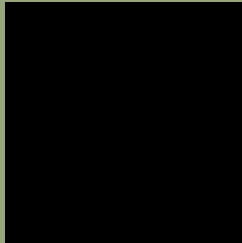
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

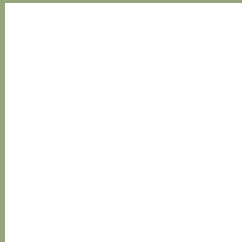
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.9702, 0.3344, 0.3909

Background



This preview shows how black text looks on a background with the Yxy color 34.9702, 0.3344, 0.3909.



This preview shows how white text looks on a background with the Yxy color 34.9702, 0.3344, 0.3909.

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

34.9702, 0.3344, 0.3909

Protanopia

34.7475, 0.3584, 0.3833

Deuteranopia

34.7539, 0.3728, 0.3653



Tritanopia

35.0056, 0.3013, 0.3116

Trichromacy



Original Color

34.9702, 0.3344, 0.3909

Protanomaly

34.7063, 0.3495, 0.3860

Deuteranomaly

34.5045, 0.3585, 0.3742

Tritanomaly

34.7914, 0.3132, 0.3395

Monochromacy



Original Color

34.9702, 0.3344, 0.3909

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.7106, 0.3205, 0.3504

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9702, 0.3344, 0.3909 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(151, 165, 125)` looks like.

```
.text, #text, p{  
    color:rgb(151, 165, 125)  
}
```

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(151, 165, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 165, 125) }
```

Border

The CSS property to change the border of an element to Yxy 34.9702, 0.3344, 0.3909 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(151, 165, 125) }
```

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

```
.border{ border-color:rgb(151, 165, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 165, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 165, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 165, 125); box-shadow:4px 4px 4px 4px rgb(151, 165, 125) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9702, 0.3344, 0.3909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 165, 125) }
```

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

```
.background{ background-color: rgb(151,  
165, 125) }
```

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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