

Converting Colors

$Yxy(35.7103, 0.3494, 0.4306)$

Have a look what the booklet for
Yxy(35.7103, 0.3494, 0.4306)
contains.

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Color

Yxy(35.7448, 0.3499, 0.4308)

Conversions

Conversions Part 1

Format	Color
Hex	95A967
RGB	149, 169, 103
RGB Percent	58%, 66%, 40%
CMY	0.4156, 0.3373, 0.5961
CMYK	0.12, 0.00, 0.39, 0.34
HSL	78°, 28%, 53%
HSV	78°, 39%, 66%
XYZ	29.0323, 35.7448, 18.1960
YIQ	155.4960, 9.2660, -24.7660

Conversions

Conversions Part 2

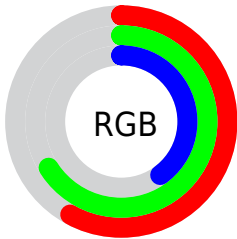
Format	Color
RYB	103, 169, 123
Decimal	9808231
CIELab	66.32, -18.11, 31.78
CIElCh	66, 36.577, 119.687
Yxy	35.7448, 0.3499, 0.4308
Android (android.graphics.Color)	4287998311 (0xFF95A967)
YUV	155.4960, -25.8805, -5.6970
Hunter-Lab	59.7870, -17.9484, 23.8061

Details

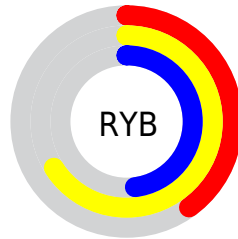
The Yxy color **35.7448, 0.3499, 0.4308** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.7698, 0.2632, 0.2188**, and the grayscale version is **33.1251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5152, 0.3438, 0.4098**, and **15.5303, 0.3586, 0.4658** is the 20% darker color. If you saturate the color by 10%, you get **34.9700, 0.3578, 0.4574**, and if you desaturate by 10%, it is **36.6125, 0.3409, 0.4036**.

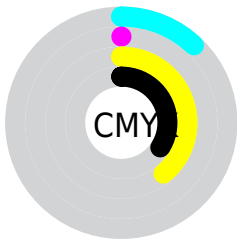
Distribution



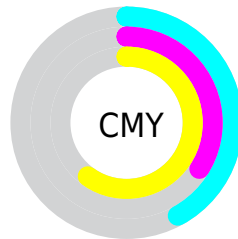
- Red (58%)
- Green (66%)
- Blue (40%)



- Red (40%)
- Yellow (66%)
- Blue (48%)



- Cyan (12%)
- Magenta (0%)
- Yellow (39%)
- Black (34%)




- Cyan (42%)
- Magenta (34%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7448, 0.3499, 0.4308 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 35.7448, 0.3499, 0.4308 by changing the saturation by 10% instead.

 35.7448, 0.3499,
0.4308

 35.7448, 0.3499,
0.4308

327.8437, 0.3320,
0.3762

 24.2372, 0.3538,
0.4455


 68.6380, 0.3437,
0.4101

 15.5096, 0.3583,
0.4648


 90.7923, 0.3413,
0.4026

 9.1778, 0.3633,
0.4913


 117.2644, 0.3392,
0.3964

 4.8574, 0.3674,
0.5290

 148.4385, 0.3374,
0.3911

 2.1638, 0.3849,
0.6151

184.6991, 0.3358,
0.3866

 0.7002, 0.2418,
0.7582

226.4306, 0.3344,

 0.0000, 0.0000,

0.3826

0.0000

274.0173, 0.3332,
0.3792

■ 35.7448, 0.3499,
0.4308

■ 35.7448, 0.3499,
0.4308

■ 34.9700, 0.3578,
0.4574

■ 36.6125, 0.3409,
0.4036

■ 34.2788, 0.3641,
0.4823

■ 37.5725, 0.3313,
0.3768

■ 33.6681, 0.3685,
0.5044


■ 38.6300, 0.3215,
0.3511

■ 33.1324, 0.3704,
0.5226


■ 39.7887, 0.3118,
0.3268

■ 32.6651, 0.3699,
0.5363


■ 41.0518, 0.3024,
0.3043

 32.2541, 0.3674,
0.5458

 42.4227, 0.2935,
0.2837

 32.2171, 0.3672,
0.5467

 43.9042, 0.2850,
0.2649

 45.4994, 0.2772,
0.2480

 47.2057, 0.2700,
0.2328

Harmonies

Analogous

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



35.7448, 0.3971, 0.4171



35.7448, 0.3499, 0.4308



35.7448, 0.2951, 0.4106

Triad

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



35.7448, 0.3499, 0.4308



35.7448, 0.2131, 0.2632



35.7448, 0.3786, 0.2968

Complementary

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



35.7448, 0.3499, 0.4308



16.7698, 0.2632, 0.2188

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.



35.7448, 0.3231, 0.2632



35.7448, 0.3499, 0.4308



35.7448, 0.2306, 0.2430

Square

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



35.7448, 0.3499, 0.4308



35.7448, 0.2188, 0.3050



35.7448, 0.2692, 0.2439



35.7448, 0.4164, 0.3387

Rectangle

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



35.7448, 0.3499, 0.4308



35.7448, 0.2618, 0.3796



35.7448, 0.2692, 0.2439



35.7448, 0.3611, 0.2844

Sweetspot

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



35.7464, 0.3499, 0.4308



68.5676, 0.3246, 0.3590



23.5273, 0.3955, 0.3598



14.8935, 0.3258, 0.3622



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.



35.7464, 0.3499, 0.4308



62.7905, 0.3569, 0.4542



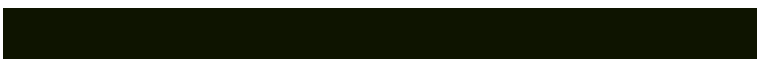
33.0808, 0.3186, 0.4417



8.6582, 0.3217, 0.3516



24.0400, 0.3677, 0.5462



0.6097, 0.3856, 0.5320

Inverse Universe

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



16.7698, 0.2632, 0.2188



23.9164, 0.2490, 0.1908



19.6092, 0.3012, 0.2300



7.4065, 0.3031, 0.3060



2.6875, 0.1720, 0.0721



0.0918, 0.2100, 0.0931

Previews

White Background



This preview shows how the Yxy color 35.7448, 0.3499, 0.4308 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 35.7448, 0.3499, 0.4308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

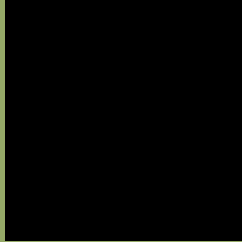
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

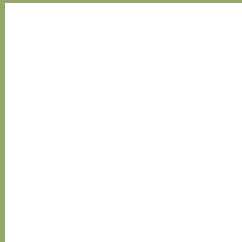
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.7448, 0.3499, 0.4308

Background



This preview shows how black text looks on a background with the Yxy color 35.7448, 0.3499, 0.4308.



This preview shows how white text looks on a background with the Yxy color 35.7448, 0.3499, 0.4308.

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

35.7448, 0.3499, 0.4308

Protanopia

35.6399, 0.3841, 0.4154

Deuteranopia

35.4893, 0.4007, 0.3934



Tritanopia

35.7760, 0.2996, 0.3117

Trichromacy



Original Color

35.7448, 0.3499, 0.4308

Protanomaly

35.5975, 0.3711, 0.4214

Deuteranomaly

35.1633, 0.3818, 0.4058

Tritanomaly

35.6576, 0.3182, 0.3530

Monochromacy



Original Color

35.7448, 0.3499, 0.4308

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.6915, 0.3276, 0.3660

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7448, 0.3499, 0.4308 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(149, 169, 103)` looks like.

```
.text, #text, p{  
    color:rgb(149, 169, 103)  
}
```

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(149, 169, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 169, 103) }
```

Border

The CSS property to change the border of an element to Yxy 35.7448, 0.3499, 0.4308 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(149, 169, 103) }
```

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

```
.border{ border-color:rgb(149, 169, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 169, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 169, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 169, 103);  
box-shadow:4px 4px 4px 4px rgb(149, 169,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7448, 0.3499, 0.4308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 169, 103) }
```

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

```
.background{ background-color: rgb(149,  
169, 103) }
```

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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