

Converting Colors

$Yxy(35.3039, 0.3395, 0.3999)$

Have a look what the booklet for
Yxy(35.3039, 0.3395, 0.3999)
contains.

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Color

Yxy(35.3039, 0.3395, 0.3999)

Conversions

Conversions Part 1

Format	Color
Hex	98A678
RGB	152, 166, 120
RGB Percent	60%, 65%, 47%
CMY	0.4040, 0.3490, 0.5294
CMYK	0.08, 0.00, 0.28, 0.35
HSL	78°, 21%, 56%
HSV	78°, 28%, 65%
XYZ	29.9717, 35.3039, 23.0062
YIQ	156.5700, 6.4220, -17.2740

Conversions

Conversions Part 2

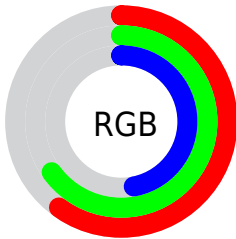
Format	Color
RYB	120, 166, 134
Decimal	10004088
CIELab	65.98, -13.06, 22.23
CIELCh	66, 25.781, 120.427
Yxy	35.3039, 0.3395, 0.3999
Android (android.graphics.Color)	4288194168 (0xFF98A678)
YUV	156.5700, -18.0290, -4.0079
Hunter-Lab	59.4171, -13.9394, 18.6349

Details

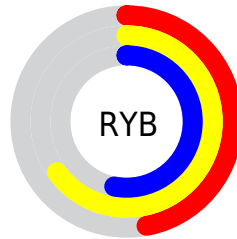
The Yxy color **35.3039, 0.3395, 0.3999** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.2609, 0.2802, 0.2542**, and the grayscale version is **33.5931, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9954, 0.3347, 0.3849**, and **15.1989, 0.3462, 0.4240** is the 20% darker color. If you saturate the color by 10%, you get **34.4583, 0.3485, 0.4270**, and if you desaturate by 10%, it is **36.2434, 0.3299, 0.3732**.

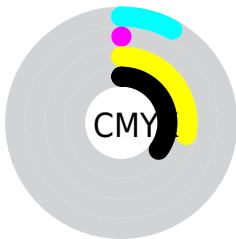
Distribution



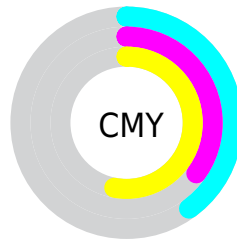
- Red (60%)
- Green (65%)
- Blue (47%)



- Red (47%)
- Yellow (65%)
- Blue (53%)



- Cyan (8%)
- Magenta (0%)
- Yellow (28%)
- Black (35%)





- Cyan (40%)
- Magenta (35%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3039, 0.3395, 0.3999 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 35.3039, 0.3395, 0.3999 by changing the saturation by 10% instead.


 35.3039, 0.3395,
0.3999


 35.3039, 0.3395,
0.3999


325.9077, 0.3261,
0.3619


 23.8971, 0.3427,
0.4102


 67.9563, 0.3347,
0.3855

 15.2573, 0.3467,
0.4240


 89.9706, 0.3329,
0.3803

 9.0002, 0.3517,
0.4431


 116.2896, 0.3313,
0.3759

 4.7413, 0.3579,
0.4714

147.2976, 0.3300,
0.3722

 2.0963, 0.3745,
0.5311

183.3790, 0.3288,
0.3691

 0.6625, 0.3194,
0.6806

224.9182, 0.3278,

 0.0000, 0.0000,

0.3664

0.0000

272.2997, 0.3269,
0.3640

■ 35.3039, 0.3395,
0.3999

■ 35.3039, 0.3395,
0.3999

■ 34.4583, 0.3485,
0.4270

■ 36.2434, 0.3299,
0.3732

■ 33.6980, 0.3566,
0.4538

■ 37.2757, 0.3202,
0.3477

■ 33.0205, 0.3631,
0.4790

■ 38.4058, 0.3105,
0.3237

■ 32.4210, 0.3677,
0.5016

■ 39.6368, 0.3012,
0.3014

■ 31.8945, 0.3700,
0.5205

■ 40.9718, 0.2924,
0.2811

■ 31.4350, 0.3698,
0.5349

■ 42.4137, 0.2841,
0.2626

■ 31.0327, 0.3675,
0.5448

■ 43.9652, 0.2764,
0.2459

■ 30.9449, 0.3668,
0.5469

■ 45.6290, 0.2692,
0.2309

■ 46.4438, 0.2716,
0.2299

Harmonies

Analogous

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



35.3039, 0.3730, 0.3931



35.3039, 0.3395, 0.3999



35.3039, 0.3002, 0.3844

Triad

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



35.3039, 0.3395, 0.3999



35.3039, 0.2402, 0.2821



35.3039, 0.3603, 0.3069

Complementary

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



35.3039, 0.3395, 0.3999



21.2609, 0.2802, 0.2542

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.



35.3039, 0.3217, 0.2814



35.3039, 0.3395, 0.3999



35.3039, 0.2537, 0.2665

Square

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



35.3039, 0.3395, 0.3999



35.3039, 0.2443, 0.3124



35.3039, 0.2828, 0.2669



35.3039, 0.3862, 0.3384

Rectangle

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



35.3039, 0.3395, 0.3999



35.3039, 0.2760, 0.3633



35.3039, 0.2828, 0.2669



35.3039, 0.3483, 0.2975

Sweetspot

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



35.3055, 0.3395, 0.3999



67.5562, 0.3206, 0.3488



26.4620, 0.3658, 0.3505



15.0541, 0.3220, 0.3524



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.



35.3055, 0.3395, 0.3999



63.1397, 0.3449, 0.4159



33.3163, 0.3175, 0.4050



8.6572, 0.3217, 0.3516



24.0180, 0.3673, 0.5466



0.6093, 0.3853, 0.5323

Inverse Universe

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



21.2609, 0.2802, 0.2542



33.5367, 0.2717, 0.2361



23.3377, 0.3054, 0.2595



7.4074, 0.3032, 0.3060



2.6959, 0.1724, 0.0723



0.0921, 0.2104, 0.0933

Previews

White Background



This preview shows how the Yxy color 35.3039, 0.3395, 0.3999 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 35.3039, 0.3395, 0.3999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

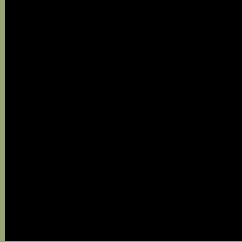
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3039, 0.3395, 0.3999

Background



This preview shows how black text looks on a background with the Yxy color 35.3039, 0.3395, 0.3999.



This preview shows how white text looks on a background with the Yxy color 35.3039, 0.3395, 0.3999.

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

35.3039, 0.3395, 0.3999

Protanopia

35.1966, 0.3648, 0.3916

Deuteranopia

35.2326, 0.3786, 0.3718



Tritanopia

35.1458, 0.3013, 0.3102

Trichromacy



Original Color

35.3039, 0.3395, 0.3999

Protanomaly

35.1480, 0.3558, 0.3944

Deuteranomaly

34.9728, 0.3641, 0.3810

Tritanomaly

35.2085, 0.3149, 0.3424

Monochromacy



Original Color

35.3039, 0.3395, 0.3999

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.1238, 0.3223, 0.3533

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3039, 0.3395, 0.3999 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(152, 166, 120)` looks like.

```
.text, #text, p{  
    color:rgb(152, 166, 120)  
}
```

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(152, 166, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 166, 120) }
```

Border

The CSS property to change the border of an element to Yxy 35.3039, 0.3395, 0.3999 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(152, 166, 120) }
```

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

```
.border{ border-color:rgb(152, 166, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 166, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 166, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 166, 120);  
box-shadow:4px 4px 4px 4px rgb(152, 166,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3039, 0.3395, 0.3999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 166, 120) }
```

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

```
.background{ background-color: rgb(152,  
166, 120) }
```

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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