

Converting Colors

$Yxy(39.6999, 0.3153, 0.3673)$

Have a look what the booklet for
Yxy(39.6999, 0.3153, 0.3673)
contains.

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Color

Yxy(39.6999, 0.3153, 0.3673)

Conversions

Conversions Part 1

Format	Color
Hex	9AAF95
RGB	154, 175, 149
RGB Percent	60%, 69%, 58%
CMY	0.3961, 0.3137, 0.4156
CMYK	0.12, 0.00, 0.15, 0.31
HSL	109°, 14%, 64%
HSV	109°, 15%, 69%
XYZ	34.0794, 39.6999, 34.3064
YIQ	165.7570, -4.1700, -12.5380

Conversions

Conversions Part 2

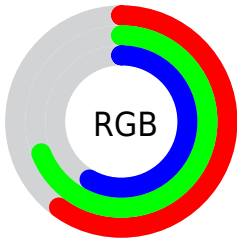
Format	Color
RYB	149, 175, 170
Decimal	10137493
CIELab	69.26, -12.27, 10.90
CIELCh	69, 16.410, 138.380
Yxy	39.6999, 0.3153, 0.3673
Android (android.graphics.Color)	4288327573 (0xFF9AAF95)
YUV	165.7570, -8.2612, -10.3109
Hunter-Lab	63.0079, -13.7174, 11.8234

Details

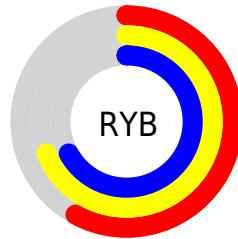
The Yxy color **39.6999, 0.3153, 0.3673** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.1460, 0.3095, 0.2925**, and the grayscale version is **38.0517, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0189, 0.3153, 0.3603**, and **17.9313, 0.3163, 0.3812** is the 20% darker color. If you saturate the color by 10%, you get **37.8759, 0.3168, 0.3966**, and if you desaturate by 10%, it is **41.7752, 0.3136, 0.3408**.

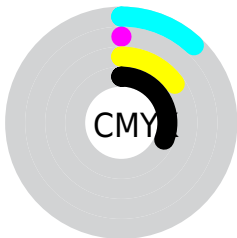
Distribution



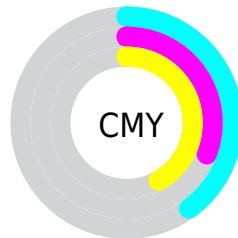
- Red (60%)
- Green (69%)
- Blue (58%)



- Red (58%)
- Yellow (69%)
- Blue (67%)



- Cyan (12%)
- Magenta (0%)
- Yellow (15%)
- Black (31%)





- Cyan (40%)
- Magenta (31%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.6999, 0.3153, 0.3673 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 39.6999, 0.3153, 0.3673 by changing the saturation by 10% instead.


 39.6999, 0.3153,
0.3673


 39.6999, 0.3153,
0.3673


344.8571, 0.3142,
0.3472

 27.3046, 0.3155,
0.3726


 74.7063, 0.3149,
0.3598

 17.8021, 0.3157,
0.3797


 98.0863, 0.3148,
0.3570

 10.8080, 0.3159,
0.3895


125.8966, 0.3147,
0.3547

 5.9379, 0.3160,
0.4040

158.5216, 0.3146,
0.3527

 2.8074, 0.3155,
0.4273

196.3458, 0.3144,
0.3511

 1.0320, 0.3274,
0.5010

239.7535, 0.3144,

 0.0000, 0.0000,

0.3496

0.0000

289.1291, 0.3143,
0.3483

■ 39.6999, 0.3153,
0.3673

■ 39.6999, 0.3153,
0.3673

■ 37.8759, 0.3168,
0.3966

■ 41.7752, 0.3136,
0.3408

■ 36.2886, 0.3178,
0.4283

■ 44.1055, 0.3118,
0.3172

■ 34.9297, 0.3183,
0.4615

■ 46.7010, 0.3099,
0.2964

■ 33.7885, 0.3180,
0.4949

■ 49.5697, 0.3080,
0.2782

■ 32.8534, 0.3168,
0.5264

■ 52.7194, 0.3062,
0.2624

■ 32.1115, 0.3147,
0.5539

■ 56.1574, 0.3045,
0.2485

■ 31.5487, 0.3117,
0.5753

■ 58.7807, 0.3149,
0.2504

■ 31.1485, 0.3082,
0.5894

■ 59.1429, 0.3164,
0.2508

■ 30.9935, 0.3065,
0.5948

Harmonies

Analogous

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



39.6999, 0.3387, 0.3719



39.6999, 0.3153, 0.3673



39.6999, 0.2918, 0.3511

Triad

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



39.6999, 0.3153, 0.3673



39.6999, 0.2712, 0.2931



39.6999, 0.3524, 0.3274

Complementary

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



39.6999, 0.3153, 0.3673



33.1460, 0.3095, 0.2925

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.



39.6999, 0.3331, 0.3082



39.6999, 0.3153, 0.3673



39.6999, 0.2861, 0.2887

Square

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



39.6999, 0.3153, 0.3673



39.6999, 0.2669, 0.3074



39.6999, 0.3086, 0.2943



39.6999, 0.3608, 0.3477

Rectangle

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



39.6999, 0.3153, 0.3673



39.6999, 0.2792, 0.3364



39.6999, 0.3086, 0.2943



39.6999, 0.3470, 0.3207

Sweetspot

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



39.7016, 0.3153, 0.3673



75.1204, 0.3135, 0.3389



39.9633, 0.3356, 0.3581



16.6309, 0.3136, 0.3407



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



39.7016, 0.3153, 0.3673



69.9169, 0.3158, 0.3771



39.4819, 0.3047, 0.3559



9.0103, 0.3144, 0.3522



22.2141, 0.3071, 0.5944



0.6391, 0.3264, 0.5790

Inverse Universe

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



33.1460, 0.3095, 0.2925



55.7854, 0.3086, 0.2836



33.4125, 0.3218, 0.3035



8.0696, 0.3108, 0.3064



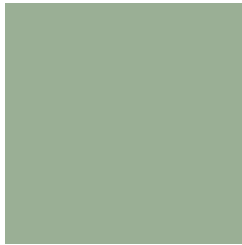
6.3325, 0.2737, 0.1282



0.1958, 0.2889, 0.1365

Previews

White Background



This preview shows how the Yxy color 39.6999, 0.3153, 0.3673 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 39.6999, 0.3153, 0.3673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

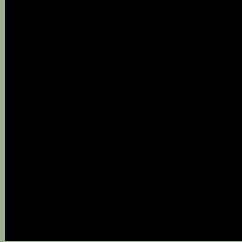
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6999, 0.3153, 0.3673

Background



This preview shows how black text looks on a background with the Yxy color 39.6999, 0.3153, 0.3673.



This preview shows how white text looks on a background with the Yxy color 39.6999, 0.3153, 0.3673.

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

39.6999, 0.3153, 0.3673

Protanopia

39.4277, 0.3406, 0.3598

Deuteranopia

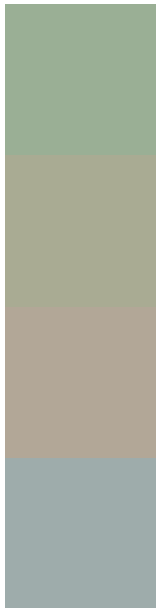
39.5378, 0.3500, 0.3438



Tritanopia

39.6837, 0.2926, 0.3095

Trichromacy



Original Color

39.6999, 0.3153, 0.3673

Protanomaly

39.6674, 0.3314, 0.3632

Deuteranomaly

39.3368, 0.3372, 0.3513

Tritanomaly

39.7144, 0.3012, 0.3304

Monochromacy



Original Color

39.6999, 0.3153, 0.3673

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.5954, 0.3139, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6999, 0.3153, 0.3673 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(154, 175, 149)` looks like.

```
.text, #text, p{  
    color:rgb(154, 175, 149)  
}
```

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(154, 175, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 175, 149) }
```

Border

The CSS property to change the border of an element to Yxy 39.6999, 0.3153, 0.3673 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(154, 175, 149) }
```

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

```
.border{ border-color:rgb(154, 175, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 175, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 175, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 175, 149);  
box-shadow:4px 4px 4px 4px rgb(154, 175,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6999, 0.3153, 0.3673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 175, 149) }
```

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

```
.background{ background-color: rgb(154,  
175, 149) }
```

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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