

Converting Colors

$Yxy(40.8117, 0.3151, 0.3533)$

Have a look what the booklet for
Yxy(40.8117, 0.3151, 0.3533)
contains.

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Color

Yxy(40.8099, 0.3151, 0.3533)

Conversions

Conversions Part 1

Format	Color
Hex	A2AF9E
RGB	162, 175, 158
RGB Percent	64%, 69%, 62%
CMY	0.3648, 0.3137, 0.3804
CMYK	0.07, 0.00, 0.10, 0.31
HSL	106°, 10%, 65%
HSV	106°, 10%, 69%
XYZ	36.3974, 40.8099, 38.3033
YIQ	169.1750, -2.2910, -8.0430

Conversions

Conversions Part 2

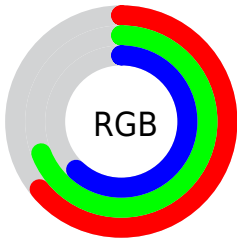
Format	Color
RYB	158, 175, 171
Decimal	10661790
CIELab	70.04, -7.78, 7.16
CIELCh	70, 10.578, 137.372
Yxy	40.8099, 0.3151, 0.3533
Android (android.graphics.Color)	4288851870 (0xFFA2AF9E)
YUV	169.1750, -5.5093, -6.2925
Hunter-Lab	63.8826, -10.0935, 9.1682

Details

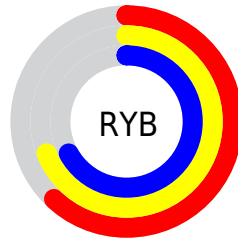
The Yxy color **40.8099, 0.3151, 0.3533** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.2088, 0.3100, 0.3053**, and the grayscale version is **39.7946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.7076, 0.3145, 0.3486**, and **18.5425, 0.3149, 0.3611** is the 20% darker color. If you saturate the color by 10%, you get **38.9215, 0.3174, 0.3810**, and if you desaturate by 10%, it is **42.9374, 0.3126, 0.3283**.

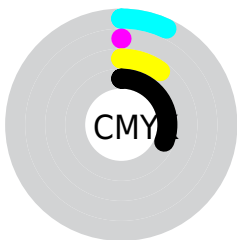
Distribution



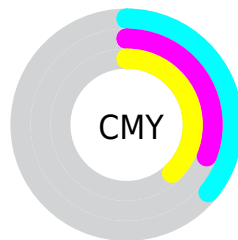
- Red (64%)
- Green (69%)
- Blue (62%)



- Red (62%)
- Yellow (69%)
- Blue (67%)



- Cyan (7%)
- Magenta (0%)
- Yellow (10%)
- Black (31%)





- Cyan (36%)
- Magenta (31%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.8099, 0.3151, 0.3533 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 40.8099, 0.3151, 0.3533 by changing the saturation by 10% instead.


 40.8099, 0.3151,
0.3533


 40.8099, 0.3151,
0.3533


349.5255, 0.3140,
0.3407

 28.1706, 0.3154,
0.3566


 76.3952, 0.3147,
0.3486

 18.4543, 0.3157,
0.3609


 100.1100, 0.3146,
0.3469

 11.2766, 0.3161,
0.3669


128.2854, 0.3144,
0.3454

 6.2532, 0.3166,
0.3755

161.3059, 0.3143,
0.3442

 2.9997, 0.3172,
0.3893

199.5557, 0.3142,
0.3432

 1.1316, 0.3201,
0.4178

243.4193, 0.3141,

 0.0047, 0.0000,

0.3422

1.0000

293.2811, 0.3140,
0.3414

0.0000, 0.0000,
0.0000

40.8099, 0.3151,
0.3533

40.8099, 0.3151,
0.3533

38.9215, 0.3174,
0.3810

42.9374, 0.3126,
0.3283

37.2585, 0.3193,
0.4113

45.3065, 0.3101,
0.3062

35.8141, 0.3207,
0.4435

47.9265, 0.3076,
0.2866

34.5788, 0.3213,
0.4765

50.8045, 0.3052,
0.2695

33.5425, 0.3210,
0.5087

53.9475, 0.3029,
0.2545

■ 32.6943, 0.3195,
0.5381

■ 56.8358, 0.3065,
0.2483

■ 32.0221, 0.3169,
0.5626

■ 59.1445, 0.3164,
0.2508

■ 31.5123, 0.3133,
0.5806

■ 31.1433, 0.3093,
0.5924

Harmonies

Analogous

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



40.8099, 0.3299, 0.3562



40.8099, 0.3151, 0.3533



40.8099, 0.2999, 0.3434

Triad

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



40.8099, 0.3151, 0.3533



40.8099, 0.2857, 0.3063



40.8099, 0.3377, 0.3278

Complementary

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



40.8099, 0.3151, 0.3533



36.2088, 0.3100, 0.3053

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.



40.8099, 0.3253, 0.3152



40.8099, 0.3151, 0.3533



40.8099, 0.2953, 0.3029

Square

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



40.8099, 0.3151, 0.3533



40.8099, 0.2832, 0.3159



40.8099, 0.3097, 0.3062



40.8099, 0.3432, 0.3410

Rectangle

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



40.8099, 0.3151, 0.3533



40.8099, 0.2916, 0.3343



40.8099, 0.3097, 0.3062



40.8099, 0.3342, 0.3233

Sweetspot

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



40.8117, 0.3151, 0.3533



75.5733, 0.3135, 0.3363



40.6179, 0.3275, 0.3467



16.7285, 0.3137, 0.3383



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.



40.8117, 0.3151, 0.3533



72.2019, 0.3157, 0.3599



40.5505, 0.3081, 0.3473



9.0264, 0.3150, 0.3522



22.3173, 0.3099, 0.5922



0.6455, 0.3318, 0.5748

Inverse Universe

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



36.2088, 0.3100, 0.3053



62.0266, 0.3093, 0.2991



36.4981, 0.3176, 0.3114



8.0522, 0.3102, 0.3064



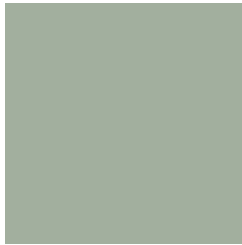
5.8788, 0.2632, 0.1224



0.1863, 0.2817, 0.1326

Previews

White Background



This preview shows how the Yxy color 40.8099, 0.3151, 0.3533 looks on a white background.

Color Contrast Check

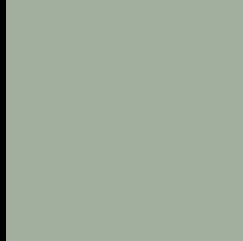
Large Text (above 18pt) WCAG AA × Fail

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 40.8099, 0.3151, 0.3533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

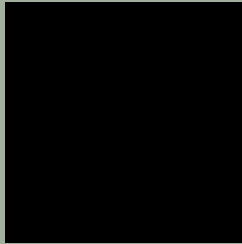
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

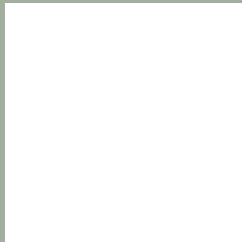
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.8099, 0.3151, 0.3533

Background



This preview shows how black text looks on a background with the Yxy color 40.8099, 0.3151, 0.3533.



This preview shows how white text looks on a background with the Yxy color 40.8099, 0.3151, 0.3533.

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

40.8099, 0.3151, 0.3533

Protanopia

40.6147, 0.3322, 0.3483

Deuteranopia

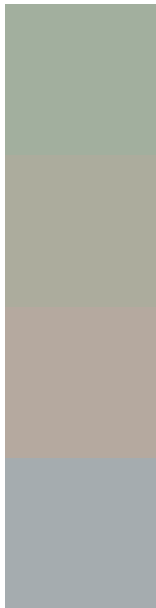
40.6548, 0.3430, 0.3357



Tritanopia

40.7356, 0.2970, 0.3098

Trichromacy



Original Color

40.8099, 0.3151, 0.3533

Protanomaly

40.7100, 0.3254, 0.3500

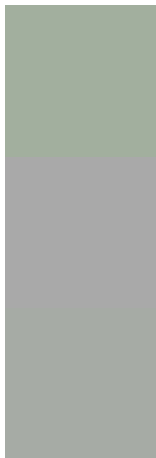
Deuteranomaly

40.7029, 0.3326, 0.3427

Tritanomaly

40.5995, 0.3041, 0.3248

Monochromacy



Original Color

40.8099, 0.3151, 0.3533

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.9494, 0.3132, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.8099, 0.3151, 0.3533 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(162, 175, 158)` looks like.

```
.text, #text, p{  
    color:rgb(162, 175, 158)  
}
```

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(162, 175, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 175, 158) }
```

Border

The CSS property to change the border of an element to Yxy 40.8099, 0.3151, 0.3533 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(162, 175, 158) }
```

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

```
.border{ border-color:rgb(162, 175, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 175, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 175, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 175, 158);  
box-shadow:4px 4px 4px 4px rgb(162, 175,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 40.8099, 0.3151, 0.3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 175, 158) }
```

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

```
.background{ background-color: rgb(162,  
175, 158) }
```

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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