

Converting Colors

Yxy(38.4954, 0.3147, 0.3708)

Have a look what the booklet for
Yxy(38.4954, 0.3147, 0.3708)
contains.

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Color

Yxy(38.4155, 0.3152, 0.3711)

Conversions

Conversions Part 1

Format	Color
Hex	96AD91
RGB	150, 173, 145
RGB Percent	59%, 68%, 57%
CMY	0.4118, 0.3215, 0.4315
CMYK	0.13, 0.00, 0.16, 0.32
HSL	109°, 15%, 62%
HSV	109°, 16%, 68%
XYZ	32.6288, 38.4155, 32.4736
YIQ	162.9310, -4.7200, -13.5840

Conversions

Conversions Part 2

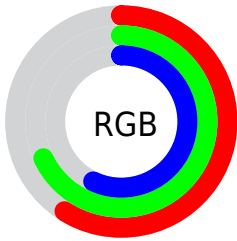
Format	Color
RYB	145, 173, 168
Decimal	9874833
CIELab	68.33, -13.37, 11.76
CIELCh	68, 17.812, 138.663
Yxy	38.4155, 0.3152, 0.3711
Android (android.graphics.Color)	4288064913 (0xFF96AD91)
YUV	162.9310, -8.8400, -11.3405
Hunter-Lab	61.9802, -14.4960, 12.3221

Details

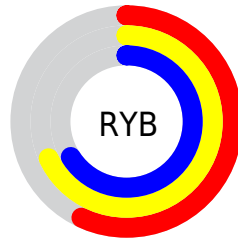
The Yxy color **38.4155, 0.3152, 0.3711** is a light color, and the websafe version is hex **999966**. A complement of this color would be **31.5860, 0.3095, 0.2891**, and the grayscale version is **36.6348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.4477, 0.3146, 0.3621**, and **17.1536, 0.3150, 0.3846** is the 20% darker color. If you saturate the color by 10%, you get **36.6564, 0.3164, 0.4008**, and if you desaturate by 10%, it is **40.4226, 0.3137, 0.3442**.

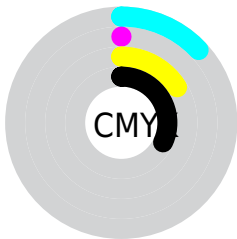
Distribution



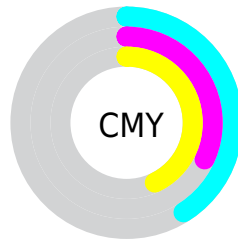
- Red (59%)
- Green (68%)
- Blue (57%)



- Red (57%)
- Yellow (68%)
- Blue (66%)



- Cyan (13%)
- Magenta (0%)
- Yellow (16%)
- Black (32%)





- Cyan (41%)
- Magenta (32%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.4155, 0.3152, 0.3711 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 38.4155, 0.3152, 0.3711 by changing the saturation by 10% instead.

 38.4155, 0.3152,
0.3711


 38.4155, 0.3152,
0.3711


339.3990, 0.3142,
0.3489

 26.3053, 0.3154,
0.3771

 72.7445, 0.3149,
0.3627

 17.0522, 0.3155,
0.3850


 95.7322, 0.3148,
0.3597

 10.2717, 0.3156,
0.3961


123.1145, 0.3146,
0.3571

 5.5795, 0.3154,
0.4126

155.2758, 0.3145,
0.3549

 2.5911, 0.3144,
0.4395

192.6005, 0.3144,
0.3531

 0.9222, 0.3325,
0.5579

235.4730, 0.3143,

 0.0000, 0.0000,

0.3515

0.0000

284.2777, 0.3143,
0.3501

■ 38.4155, 0.3152,
0.3711

■ 38.4155, 0.3152,
0.3711

■ 36.6564, 0.3164,
0.4008

■ 40.4226, 0.3137,
0.3442

■ 35.1310, 0.3172,
0.4329

■ 42.6817, 0.3121,
0.3202

■ 33.8306, 0.3175,
0.4663

■ 45.2030, 0.3104,
0.2991

■ 32.7445, 0.3169,
0.4996

■ 47.9946, 0.3087,
0.2807

■ 31.8609, 0.3156,
0.5308

■ 51.0643, 0.3070,
0.2646

■ 31.1668, 0.3133,
0.5577

■ 54.4194, 0.3054,
0.2505

■ 30.6477, 0.3104,
0.5782

■ 57.3325, 0.3121,
0.2477

■ 30.2859, 0.3070,
0.5914

■ 58.3706, 0.3165,
0.2488

■ 30.1808, 0.3059,
0.5953

Harmonies

Analogous

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



38.4155, 0.3410, 0.3762



38.4155, 0.3152, 0.3711



38.4155, 0.2895, 0.3531

Triad

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



38.4155, 0.3152, 0.3711



38.4155, 0.2673, 0.2896



38.4155, 0.3565, 0.3274

Complementary

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



38.4155, 0.3152, 0.3711



31.5860, 0.3095, 0.2891

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.



38.4155, 0.3353, 0.3064



38.4155, 0.3152, 0.3711



38.4155, 0.2838, 0.2849

Square

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



38.4155, 0.3152, 0.3711



38.4155, 0.2626, 0.3050



38.4155, 0.3084, 0.2912



38.4155, 0.3655, 0.3495

Rectangle

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



38.4155, 0.3152, 0.3711



38.4155, 0.2758, 0.3368



38.4155, 0.3084, 0.2912



38.4155, 0.3505, 0.3200

Sweetspot

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



38.4171, 0.3152, 0.3711



72.8150, 0.3135, 0.3414



38.8862, 0.3376, 0.3615



15.7676, 0.3136, 0.3431



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



38.4171, 0.3152, 0.3711



67.7624, 0.3156, 0.3801



38.2365, 0.3036, 0.3578



9.0056, 0.3142, 0.3522



22.1881, 0.3064, 0.5949



0.6373, 0.3248, 0.5803

Inverse Universe

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



31.5860, 0.3095, 0.2891



53.4807, 0.3087, 0.2811



31.8143, 0.3232, 0.3018



8.0746, 0.3110, 0.3065



6.4687, 0.2768, 0.1298



0.1986, 0.2910, 0.1377

Previews

White Background



This preview shows how the Yxy color 38.4155, 0.3152, 0.3711 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 38.4155, 0.3152, 0.3711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

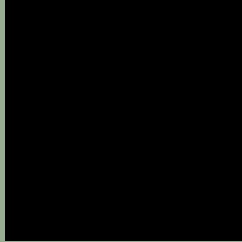
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.4155, 0.3152, 0.3711

Background



This preview shows how black text looks on a background with the Yxy color 38.4155, 0.3152, 0.3711.



This preview shows how white text looks on a background with the Yxy color 38.4155, 0.3152, 0.3711.

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

38.4155, 0.3152, 0.3711

Protanopia

38.3095, 0.3436, 0.3644

Deuteranopia

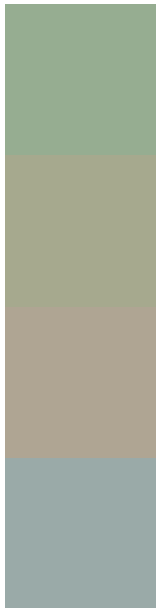
38.0985, 0.3526, 0.3453



Tritanopia

38.4094, 0.2915, 0.3105

Trichromacy



Original Color

38.4155, 0.3152, 0.3711

Protanomaly

38.4359, 0.3333, 0.3681

Deuteranomaly

38.1308, 0.3384, 0.3545

Tritanomaly

38.4466, 0.3001, 0.3319

Monochromacy



Original Color

38.4155, 0.3152, 0.3711

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.3068, 0.3138, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4155, 0.3152, 0.3711 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(150, 173, 145)` looks like.

```
.text, #text, p{  
    color:rgb(150, 173, 145)  
}
```

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(150, 173, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 173, 145) }
```

Border

The CSS property to change the border of an element to Yxy 38.4155, 0.3152, 0.3711 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(150, 173, 145) }
```

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

```
.border{ border-color:rgb(150, 173, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 173, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 173, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 173, 145);  
box-shadow:4px 4px 4px 4px rgb(150, 173,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4155, 0.3152, 0.3711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 173, 145) }
```

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

```
.background{ background-color: rgb(150,  
173, 145) }
```

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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