

Converting Colors

$Yxy(40.3120, 0.3434, 0.4052)$

Have a look what the booklet for
Yxy(40.3120, 0.3434, 0.4052)
contains.

Yxy(40.1873, 0.3431, 0.4048)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(40.1873, 0.3431, 0.4048)

Conversions

Conversions Part 1

Format	Color
Hex	A2B07C
RGB	162, 176, 124
RGB Percent	64%, 69%, 49%
CMY	0.3647, 0.3098, 0.5138
CMYK	0.08, 0.00, 0.30, 0.31
HSL	76°, 25%, 59%
HSV	76°, 30%, 69%
XYZ	34.0619, 40.1873, 25.0277
YIQ	165.8860, 8.3480, -19.1400

Conversions

Conversions Part 2

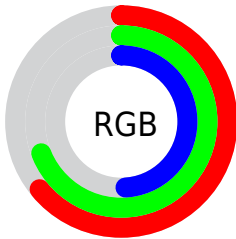
Format	Color
RYB	124, 176, 138
Decimal	10662012
CIELab	69.60, -13.83, 25.08
CIELCh	70, 28.636, 118.869
Yxy	40.1873, 0.3431, 0.4048
Android (android.graphics.Color)	4288852092 (0xFFA2B07C)
YUV	165.8860, -20.6498, -3.4080
Hunter-Lab	63.3935, -15.0288, 20.9677

Details

The Yxy color **40.1873, 0.3431, 0.4048** is a light color, and the websafe version is hex **999966**. A complement of this color would be **22.9526, 0.2755, 0.2478**, and the grayscale version is **38.1738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.6393, 0.3375, 0.3903**, and **18.2383, 0.3505, 0.4288** is the 20% darker color. If you saturate the color by 10%, you get **39.2954, 0.3526, 0.4317**, and if you desaturate by 10%, it is **41.1809, 0.3329, 0.3781**.

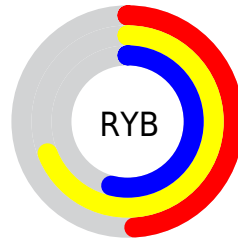
Distribution



Red (64%)

Green (69%)

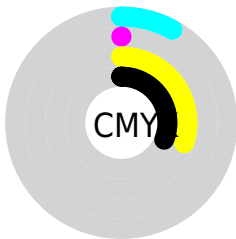
Blue (49%)



Red (49%)

Yellow (69%)

Blue (54%)

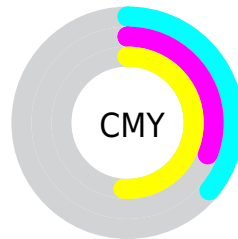


Cyan (8%)

Magenta (0%)

Yellow (30%)

Black (31%)



Cyan (36%)


Magenta (31%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1873, 0.3431, 0.4048 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 40.1873, 0.3431, 0.4048 by changing the saturation by 10% instead.


 40.1873, 0.3431,
0.4048


 40.1873, 0.3431,
0.4048


346.9124, 0.3283,
0.3650


 27.6846, 0.3466,
0.4153


 75.4486, 0.3379,
0.3899

 18.0880, 0.3508,
0.4290


 98.9761, 0.3359,
0.3845

 11.0132, 0.3560,
0.4477


 126.9472, 0.3341,
0.3799

 6.0757, 0.3623,
0.4745

159.7465, 0.3326,
0.3760

 2.8912, 0.3716,
0.5190

197.7582, 0.3313,
0.3727

 1.0752, 0.3849,
0.6151

241.3669, 0.3302,

 0.0000, 0.0000,

0.3698

0.0000

290.9568, 0.3292,
0.3673

■ 40.1873, 0.3431,
0.4048

■ 40.1873, 0.3431,
0.4048

■ 39.2954, 0.3526,
0.4317

■ 41.1809, 0.3329,
0.3781

■ 38.4956, 0.3611,
0.4578

■ 42.2751, 0.3225,
0.3523

■ 37.7847, 0.3679,
0.4820


■ 43.4755, 0.3123,
0.3279

■ 37.1574, 0.3727,
0.5033


■ 44.7857, 0.3023,
0.3052


■ 36.6078, 0.3750,
0.5206

■ 46.2091, 0.2929,
0.2844


 36.1286, 0.3749,
0.5333

 47.7491, 0.2840,
0.2654

 35.7060, 0.3727,
0.5420

 49.4088, 0.2757,
0.2481

 35.6877, 0.3726,
0.5424

 50.5439, 0.2742,
0.2415

 51.2068, 0.2777,
0.2424

Harmonies

Analogous

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



40.1873, 0.3782, 0.3960



40.1873, 0.3431, 0.4048



40.1873, 0.3013, 0.3897

Triad

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



40.1873, 0.3431, 0.4048



40.1873, 0.2357, 0.2803



40.1873, 0.3614, 0.3039

Complementary

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



40.1873, 0.3431, 0.4048



22.9526, 0.2755, 0.2478

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.



40.1873, 0.3199, 0.2775



40.1873, 0.3431, 0.4048



40.1873, 0.2490, 0.2632

Square

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



40.1873, 0.3431, 0.4048



40.1873, 0.2409, 0.3131



40.1873, 0.2790, 0.2628



40.1873, 0.3900, 0.3369

Rectangle

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



40.1873, 0.3431, 0.4048



40.1873, 0.2755, 0.3676



40.1873, 0.2790, 0.2628



40.1873, 0.3484, 0.2941

Sweetspot

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



40.1891, 0.3431, 0.4048



76.7483, 0.3221, 0.3513



28.8239, 0.3713, 0.3496



16.5685, 0.3236, 0.3549



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.



40.1891, 0.3431, 0.4048



71.8801, 0.3490, 0.4211



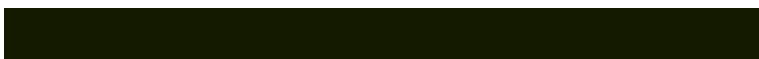
37.7538, 0.3192, 0.4108



9.7892, 0.3223, 0.3518



26.2122, 0.3731, 0.5420



0.8516, 0.3866, 0.5312

Inverse Universe

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



22.9526, 0.2755, 0.2478



35.8732, 0.2662, 0.2287



25.4273, 0.3028, 0.2539



8.3373, 0.3025, 0.3058



2.7760, 0.1678, 0.0698



0.1167, 0.1991, 0.0871

Previews

White Background



This preview shows how the Yxy color 40.1873, 0.3431, 0.4048 looks on a white background.

Color Contrast Check

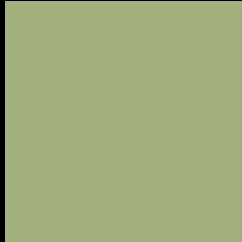
Large Text (above 18pt) WCAG AA × Fail

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 40.1873, 0.3431, 0.4048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

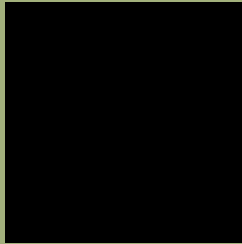
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.1873, 0.3431, 0.4048

Background



This preview shows how black text looks on a background with the Yxy color 40.1873, 0.3431, 0.4048.



This preview shows how white text looks on a background with the Yxy color 40.1873, 0.3431, 0.4048.

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

40.1873, 0.3431, 0.4048

Protanopia

40.1972, 0.3683, 0.3963

Deuteranopia

40.0061, 0.3829, 0.3760



Tritanopia

40.2994, 0.3028, 0.3112

Trichromacy



Original Color

40.1873, 0.3431, 0.4048

Protanomaly

40.0241, 0.3587, 0.3994

Deuteranomaly

39.9507, 0.3676, 0.3863

Tritanomaly

40.2937, 0.3174, 0.3445

Monochromacy



Original Color

40.1873, 0.3431, 0.4048

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.9831, 0.3243, 0.3564

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1873, 0.3431, 0.4048 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, 176, 124)` looks like.

```
.text, #text, p{  
    color:rgb(162, 176, 124)  
}
```

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, 176, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 176, 124) }
```

Border

The CSS property to change the border of an element to Yxy 40.1873, 0.3431, 0.4048 is called "border". The border property can be set on classes, ids or directly on the HTML element.

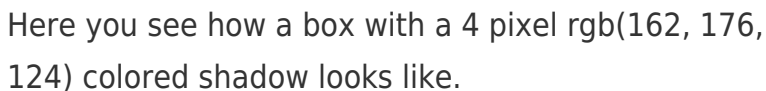
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 176, 124) }
```

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

```
.border{ border-color:rgb(162, 176, 124) }
```

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



Here you see how a box with a 4 pixel `rgb(162, 176, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 176, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 176, 124);  
box-shadow:4px 4px 4px 4px rgb(162, 176,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1873, 0.3431, 0.4048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 176, 124) }
```

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

```
.background{ background-color: rgb(162,  
176, 124) }
```

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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