

Converting Colors

$Yxy(38.1502, 0.3448, 0.4005)$

Have a look what the booklet for
Yxy(38.1502, 0.3448, 0.4005)
contains.

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Color

Yxy(38.1329, 0.3444, 0.4000)

Conversions

Conversions Part 1

Format	Color
Hex	A1AB7B
RGB	161, 171, 123
RGB Percent	63%, 67%, 48%
CMY	0.3687, 0.3294, 0.5177
CMYK	0.06, 0.00, 0.28, 0.33
HSL	73°, 22%, 58%
HSV	73°, 28%, 67%
XYZ	32.8324, 38.1329, 24.3669
YIQ	162.5380, 9.4480, -17.0480

Conversions

Conversions Part 2

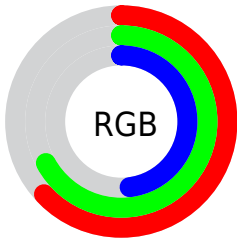
Format	Color
RYB	123, 171, 133
Decimal	10595195
CIELab	68.12, -11.75, 23.61
CIELCh	68, 26.371, 116.469
Yxy	38.1329, 0.3444, 0.4000
Android (android.graphics.Color)	4288785275 (0xFFA1AB7B)
YUV	162.5380, -19.4922, -1.3488
Hunter-Lab	61.7518, -13.1602, 19.8308

Details

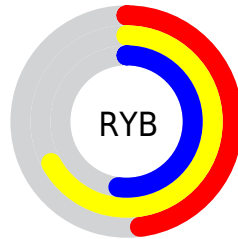
The Yxy color **38.1329, 0.3444, 0.4000** is a light color, and the websafe version is hex **999966**. A complement of this color would be **22.0944, 0.2748, 0.2518**, and the grayscale version is **36.4860, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1262, 0.3385, 0.3854**, and **16.9393, 0.3528, 0.4226** is the 20% darker color. If you saturate the color by 10%, you get **37.3772, 0.3551, 0.4262**, and if you desaturate by 10%, it is **38.9774, 0.3331, 0.3739**.

Distribution



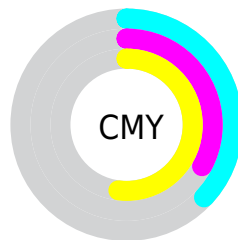
- Red (63%)
- Green (67%)
- Blue (48%)



- Red (48%)
- Yellow (67%)
- Blue (52%)



- Cyan (6%)
- Magenta (0%)
- Yellow (28%)
- Black (33%)





- Cyan (37%)
- Magenta (33%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1329, 0.3444, 0.4000 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 38.1329, 0.3444, 0.4000 by changing the saturation by 10% instead.


 38.1329, 0.3444,
0.4000


 38.1329, 0.3444,
0.4000


338.1897, 0.3287,
0.3626

 26.0859, 0.3482,
0.4099


 72.3118, 0.3388,
0.3859

 16.8879, 0.3529,
0.4230


 95.2124, 0.3366,
0.3808

 10.1546, 0.3589,
0.4410


 122.4997, 0.3348,
0.3765

 5.5016, 0.3664,
0.4668

154.5580, 0.3332,
0.3729

 2.5445, 0.3796,
0.5128

191.7718, 0.3319,
0.3697

 0.8988, 0.3869,
0.6131

234.5254, 0.3307,

 0.0000, 0.0000,

0.3670

0.0000

283.2033, 0.3296,
0.3647

■ 38.1329, 0.3444,
0.4000

■ 38.1329, 0.3444,
0.4000

■ 37.3772, 0.3551,
0.4262

■ 38.9774, 0.3331,
0.3739

■ 36.7012, 0.3648,
0.4515

■ 39.9094, 0.3218,
0.3486

■ 36.1023, 0.3730,
0.4750

■ 40.9339, 0.3106,
0.3245

■ 35.5758, 0.3792,
0.4955

■ 42.0543, 0.2999,
0.3020

■ 35.1162, 0.3830,
0.5122

■ 43.2737, 0.2897,
0.2813

■ 34.7173, 0.3842,
0.5245

■ 44.5949, 0.2802,
0.2623

■ 34.3685, 0.3833,
0.5326

■ 46.0208, 0.2714,
0.2452

■ 34.3040, 0.3830,
0.5341

■ 47.2407, 0.2662,
0.2340

■ 47.7051, 0.2688,
0.2347

Harmonies

Analogous

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



38.1329, 0.3762, 0.3906



38.1329, 0.3444, 0.4000



38.1329, 0.3053, 0.3875

Triad

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



38.1329, 0.3444, 0.4000



38.1329, 0.2399, 0.2855



38.1329, 0.3556, 0.3032

Complementary

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



38.1329, 0.3444, 0.4000



22.0944, 0.2748, 0.2518

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.



38.1329, 0.3163, 0.2789



38.1329, 0.3444, 0.4000



38.1329, 0.2512, 0.2678

Square

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



38.1329, 0.3444, 0.4000



38.1329, 0.2464, 0.3172



38.1329, 0.2783, 0.2661



38.1329, 0.3837, 0.3341

Rectangle

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



38.1329, 0.3444, 0.4000



38.1329, 0.2806, 0.3679



38.1329, 0.2783, 0.2661



38.1329, 0.3431, 0.2941

Sweetspot

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



38.1346, 0.3444, 0.4000



71.4547, 0.3218, 0.3487



26.7545, 0.3687, 0.3437



15.8775, 0.3235, 0.3524



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.



38.1346, 0.3444, 0.4000



67.3861, 0.3515, 0.4171



35.9120, 0.3219, 0.4053



9.2445, 0.3232, 0.3516



25.8796, 0.3834, 0.5338



0.7409, 0.3949, 0.5246

Inverse Universe

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



22.0944, 0.2748, 0.2518



33.6540, 0.2641, 0.2312



24.2341, 0.3000, 0.2572



7.8348, 0.3017, 0.3058



2.5146, 0.1617, 0.0665



0.0926, 0.1910, 0.0826

Previews

White Background



This preview shows how the Yxy color 38.1329, 0.3444, 0.4000 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 38.1329, 0.3444, 0.4000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

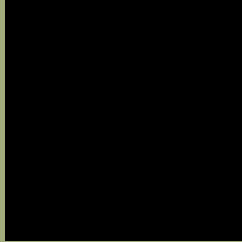
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.1329, 0.3444, 0.4000

Background



This preview shows how black text looks on a background with the Yxy color 38.1329, 0.3444, 0.4000.



This preview shows how white text looks on a background with the Yxy color 38.1329, 0.3444, 0.4000.

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

38.1329, 0.3444, 0.4000

Protanopia

38.1179, 0.3649, 0.3924

Deuteranopia

37.9047, 0.3806, 0.3731



Tritanopia

38.0501, 0.3053, 0.3109

Trichromacy



Original Color

38.1329, 0.3444, 0.4000

Protanomaly

38.1811, 0.3572, 0.3950

Deuteranomaly

37.7423, 0.3675, 0.3818

Tritanomaly

38.0711, 0.3195, 0.3434

Monochromacy



Original Color

38.1329, 0.3444, 0.4000

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.0919, 0.3246, 0.3554

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1329, 0.3444, 0.4000 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(161, 171, 123)` looks like.

```
.text, #text, p{  
    color:rgb(161, 171, 123)  
}
```

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(161, 171, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 171, 123) }
```

Border

The CSS property to change the border of an element to Yxy 38.1329, 0.3444, 0.4000 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(161, 171, 123) }
```

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

```
.border{ border-color:rgb(161, 171, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 171, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 171, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 171, 123);  
box-shadow:4px 4px 4px 4px rgb(161, 171,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1329, 0.3444, 0.4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 171, 123) }
```

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

```
.background{ background-color: rgb(161,  
171, 123) }
```

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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