

Converting Colors

$Yxy(38.5306, 0.3217, 0.3780)$

Have a look what the booklet for
Yxy(38.5306, 0.3217, 0.3780)
contains.

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Color

Yxy(38.5529, 0.3221, 0.3784)

Conversions

Conversions Part 1

Format	Color
Hex	99AD8C
RGB	153, 173, 140
RGB Percent	60%, 68%, 55%
CMY	0.3999, 0.3216, 0.4511
CMYK	0.12, 0.00, 0.19, 0.32
HSL	96°, 17%, 61%
HSV	96°, 19%, 68%
XYZ	32.8168, 38.5529, 30.5143
YIQ	163.2580, -1.3270, -14.5030

Conversions

Conversions Part 2

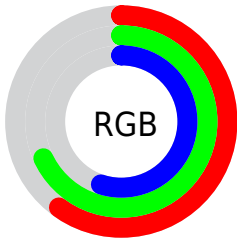
Format	Color
RYB	140, 173, 160
Decimal	10071436
CIELab	68.43, -13.14, 14.68
CIELCh	68, 19.700, 131.820
Yxy	38.5529, 0.3221, 0.3784
Android (android.graphics.Color)	4288261516 (0xFF99AD8C)
YUV	163.2580, -11.4662, -8.9963
Hunter-Lab	62.0910, -14.3169, 14.3260

Details

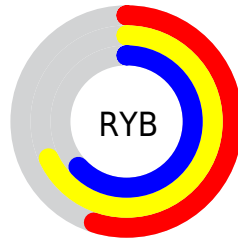
The Yxy color **38.5529, 0.3221, 0.3784** is a light color, and the websafe version is hex **999966**. A complement of this color would be **29.2355, 0.3015, 0.2807**, and the grayscale version is **36.8121, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.7917, 0.3206, 0.3676**, and **17.2377, 0.3244, 0.3949** is the 20% darker color. If you saturate the color by 10%, you get **37.1097, 0.3266, 0.4074**, and if you desaturate by 10%, it is **40.1690, 0.3172, 0.3515**.

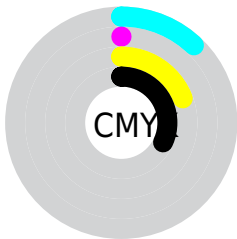
Distribution



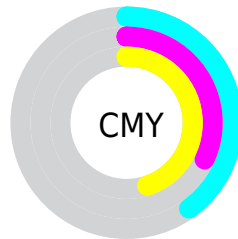
- Red (60%)
- Green (68%)
- Blue (55%)



- Red (55%)
- Yellow (68%)
- Blue (63%)



- Cyan (12%)
- Magenta (0%)
- Yellow (19%)
- Black (32%)





- Cyan (40%)
- Magenta (32%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.5529, 0.3221, 0.3784 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 38.5529, 0.3221, 0.3784 by changing the saturation by 10% instead.


 38.5529, 0.3221,
0.3784

 38.5529, 0.3221,
0.3784


339.9859, 0.3176,
0.3523


 26.4121, 0.3231,
0.3854


 72.9548, 0.3205,
0.3686

 17.1322, 0.3244,
0.3947


 95.9847, 0.3199,
0.3650

 10.3288, 0.3259,
0.4076


 123.4130, 0.3194,
0.3620

 5.6175, 0.3278,
0.4268

155.6243, 0.3189,
0.3594

 2.6139, 0.3296,
0.4579

193.0028, 0.3185,
0.3573

 0.9337, 0.3774,
0.6226

235.9330, 0.3182,

 0.0000, 0.0000,

0.3554

0.0000

284.7992, 0.3179,
0.3537

■ 38.5529, 0.3221,
0.3784

■ 38.5529, 0.3221,
0.3784

■ 37.1097, 0.3266,
0.4074

■ 40.1690, 0.3172,
0.3515

■ 35.8283, 0.3305,
0.4378

■ 41.9586, 0.3123,
0.3269

■ 34.7040, 0.3334,
0.4688

■ 43.9288, 0.3073,
0.3047

■ 33.7299, 0.3350,
0.4988

■ 46.0848, 0.3025,
0.2848

■ 32.8985, 0.3349,
0.5263

■ 48.4316, 0.2980,
0.2672

■ 32.2015, 0.3330,
0.5497

■ 50.9738, 0.2937,
0.2516

■ 31.6296, 0.3293,
0.5676

■ 53.3183, 0.2939,
0.2432

■ 31.1673, 0.3243,
0.5800

■ 55.0643, 0.3021,
0.2452

■ 31.1290, 0.3239,
0.5810

■ 56.9153, 0.3103,
0.2473

Harmonies

Analogous

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



38.5529, 0.3495, 0.3802



38.5529, 0.3221, 0.3784



38.5529, 0.2931, 0.3613

Triad

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



38.5529, 0.3221, 0.3784



38.5529, 0.2604, 0.2883



38.5529, 0.3568, 0.3215

Complementary

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



38.5529, 0.3221, 0.3784



29.2355, 0.3015, 0.2807

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.



38.5529, 0.3310, 0.2996



38.5529, 0.3221, 0.3784



38.5529, 0.2757, 0.2806

Square

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



38.5529, 0.3221, 0.3784



38.5529, 0.2584, 0.3076



38.5529, 0.3012, 0.2849



38.5529, 0.3703, 0.3460

Rectangle

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



38.5529, 0.3221, 0.3784



38.5529, 0.2767, 0.3440



38.5529, 0.3012, 0.2849



38.5529, 0.3492, 0.3137

Sweetspot

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



38.5546, 0.3221, 0.3784



72.8647, 0.3158, 0.3439



35.8460, 0.3441, 0.3576



15.7928, 0.3161, 0.3454



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.



38.5546, 0.3221, 0.3784



67.8976, 0.3241, 0.3907



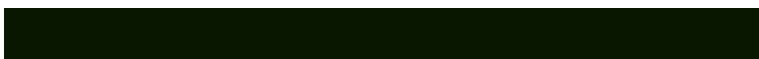
37.4519, 0.3077, 0.3749



9.0880, 0.3173, 0.3520



22.9006, 0.3247, 0.5804



0.6693, 0.3505, 0.5599

Inverse Universe

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



29.2355, 0.3015, 0.2807



48.0470, 0.2985, 0.2690



30.5250, 0.3182, 0.2870



7.9877, 0.3077, 0.3062



4.4400, 0.2256, 0.1017



0.1541, 0.2550, 0.1178

Previews

White Background



This preview shows how the Yxy color 38.5529, 0.3221, 0.3784 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 38.5529, 0.3221, 0.3784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

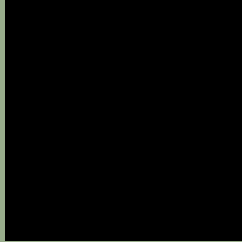
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

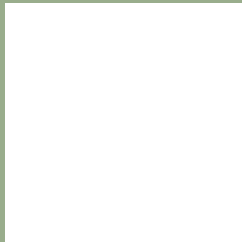
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.5529, 0.3221, 0.3784

Background



This preview shows how black text looks on a background with the Yxy color 38.5529, 0.3221, 0.3784.



This preview shows how white text looks on a background with the Yxy color 38.5529, 0.3221, 0.3784.

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

38.5529, 0.3221, 0.3784

Protanopia

38.3087, 0.3483, 0.3700

Deuteranopia

38.2011, 0.3595, 0.3520



Tritanopia

38.3446, 0.2940, 0.3092

Trichromacy



Original Color

38.5529, 0.3221, 0.3784

Protanomaly

38.5357, 0.3387, 0.3738

Deuteranomaly

38.2104, 0.3449, 0.3614

Tritanomaly

38.2972, 0.3044, 0.3333

Monochromacy



Original Color

38.5529, 0.3221, 0.3784

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.3749, 0.3156, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5529, 0.3221, 0.3784 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(153, 173, 140)` looks like.

```
.text, #text, p{  
    color:rgb(153, 173, 140)  
}
```

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(153, 173, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 173, 140) }
```

Border

The CSS property to change the border of an element to Yxy 38.5529, 0.3221, 0.3784 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(153, 173, 140) }
```

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

```
.border{ border-color:rgb(153, 173, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 173, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 173, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 173, 140);  
box-shadow:4px 4px 4px 4px rgb(153, 173,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5529, 0.3221, 0.3784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 173, 140) }
```

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

```
.background{ background-color: rgb(153,  
173, 140) }
```

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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