

Converting Colors

Yxy(38.5477, 0.3193, 0.3276)

Have a look what the booklet for
Yxy(38.5477, 0.3193, 0.3276)
contains.

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Color

Yxy(38.5477, 0.3193, 0.3276)

Conversions

Conversions Part 1

Format	Color
Hex	ADA5A6
RGB	173, 165, 166
RGB Percent	68%, 65%, 65%
CMY	0.3216, 0.3529, 0.3489
CMYK	0.00, 0.05, 0.04, 0.32
HSL	352°, 5%, 66%
HSV	352°, 5%, 68%
XYZ	37.5711, 38.5477, 41.5482
YIQ	167.5060, 4.4470, 2.0070

Conversions

Conversions Part 2

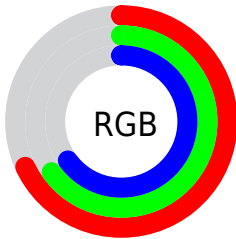
Format	Color
RYB	173, 165, 166
Decimal	11380134
CIELab	68.42, 3.06, 0.49
CIELCh	68, 3.101, 9.118
Yxy	38.5477, 0.3193, 0.3276
Android (android.graphics.Color)	4289570214 (0xFFADA5A6)
YUV	167.5060, -0.7425, 4.8182
Hunter-Lab	62.0868, -0.6348, 3.7842

Details

The Yxy color **38.5477, 0.3193, 0.3276** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.8593, 0.3065, 0.3304**, and the grayscale version is **38.9060, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.9008, 0.3178, 0.3279**, and **17.0901, 0.3221, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **32.2032, 0.3360, 0.3244**, and if you desaturate by 10%, it is **45.8046, 0.3058, 0.3306**.

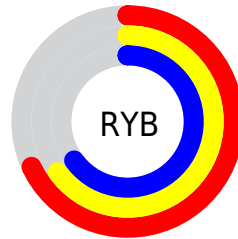
Distribution



Red (68%)

Green (65%)

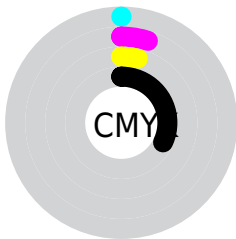
Blue (65%)



Red (68%)

Yellow (65%)

Blue (65%)

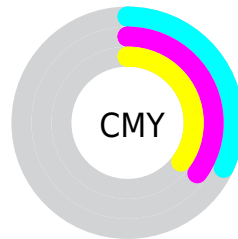


Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (32%)



Cyan (32%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.5477, 0.3193, 0.3276 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 38.5477, 0.3193, 0.3276 by changing the saturation by 10% instead.


 38.5477, 0.3193,
0.3276


 38.5477, 0.3193,
0.3276


339.9637, 0.3159,
0.3283

 26.4080, 0.3202,
0.3274


 72.9468, 0.3180,
0.3279

 17.1292, 0.3213,
0.3272


 95.9751, 0.3176,
0.3280

 10.3266, 0.3229,
0.3268


123.4017, 0.3172,
0.3281

 5.6160, 0.3252,
0.3263

155.6111, 0.3169,
0.3281

 2.6131, 0.3289,
0.3255

192.9876, 0.3166,
0.3282

 0.9332, 0.3355,
0.3239

235.9156, 0.3163,

 0.0000, 0.0000,


0.3282


0.0000

284.7795, 0.3161,
0.3283

 38.5477, 0.3193,
0.3276


 38.5477, 0.3193,
0.3276


 32.2032, 0.3360,
0.3244


 45.8046, 0.3058,
0.3306


 26.7302, 0.3567,
0.3210


 54.0028, 0.2949,
0.3333


 22.0921, 0.3822,
0.3176

 63.1761, 0.2860,
0.3357

 18.2478, 0.4132,
0.3144

 73.3550, 0.2787,
0.3380

 15.1527, 0.4499,
0.3119

 84.5690, 0.2727,
0.3400

■ 12.7578, 0.4915,
0.3104

■ 87.6227, 0.2666,
0.3289

■ 11.0082, 0.5352,
0.3108

■ 9.8409, 0.5763,
0.3135

■ 9.1798, 0.6092,
0.3183

Harmonies

Analogous

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



38.5477, 0.3153, 0.3239



38.5477, 0.3193, 0.3276



38.5477, 0.3215, 0.3317

Triad

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



38.5477, 0.3193, 0.3276



38.5477, 0.3148, 0.3366



38.5477, 0.3041, 0.3229

Complementary

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



38.5477, 0.3193, 0.3276



40.8593, 0.3065, 0.3304

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.



38.5477, 0.3040, 0.3263



38.5477, 0.3193, 0.3276



38.5477, 0.3101, 0.3342

Square

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



38.5477, 0.3193, 0.3276



38.5477, 0.3189, 0.3369



38.5477, 0.3062, 0.3304



38.5477, 0.3065, 0.3212

Rectangle

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



38.5477, 0.3193, 0.3276



38.5477, 0.3217, 0.3341



38.5477, 0.3062, 0.3304



38.5477, 0.3038, 0.3239

Sweetspot

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



38.5494, 0.3193, 0.3276



73.5344, 0.3141, 0.3287



38.6911, 0.3122, 0.3180



15.9964, 0.3140, 0.3287



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.



38.5494, 0.3193, 0.3276



67.2546, 0.3216, 0.3271



39.5799, 0.3199, 0.3331



8.4422, 0.3222, 0.3270



6.5745, 0.6211, 0.3195



0.1880, 0.5603, 0.2860

Inverse Universe

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



38.5494, 0.3193, 0.3276



67.2546, 0.3216, 0.3271



39.7888, 0.3058, 0.3249



8.4422, 0.3222, 0.3270



6.5745, 0.6211, 0.3195



0.1880, 0.5603, 0.2860

Previews

White Background



This preview shows how the Yxy color 38.5477, 0.3193, 0.3276 looks on a white background.

Color Contrast Check

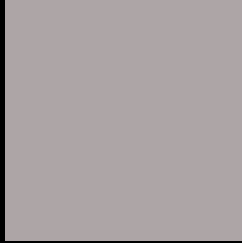
Large Text (above 18pt) WCAG AA × Fail

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 38.5477, 0.3193, 0.3276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

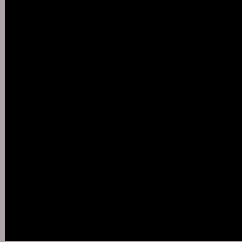
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

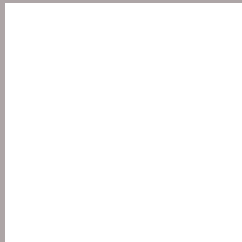
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.5477, 0.3193, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 38.5477, 0.3193, 0.3276.

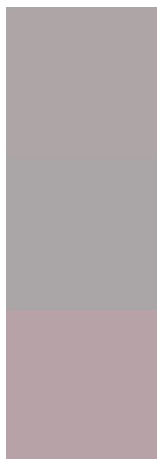


This preview shows how white text looks on a background with the Yxy color 38.5477, 0.3193, 0.3276.

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

38.5477, 0.3193, 0.3276

Protanopia

38.6085, 0.3156, 0.3276

Deuteranopia

38.6980, 0.3283, 0.3223



Tritanopia

38.3276, 0.3117, 0.3112

Trichromacy



Original Color

38.5477, 0.3193, 0.3276

Protanomaly

38.7204, 0.3165, 0.3276

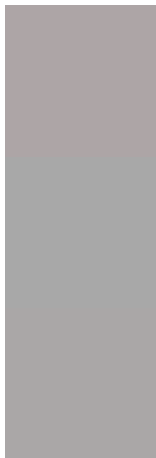
Deuteranomaly

38.5681, 0.3244, 0.3236

Tritanomaly

38.5281, 0.3151, 0.3180

Monochromacy



Original Color

38.5477, 0.3193, 0.3276

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.9735, 0.3155, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5477, 0.3193, 0.3276 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(173, 165, 166)` looks like.

```
.text, #text, p{  
    color:rgb(173, 165, 166)  
}
```

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(173, 165, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 165, 166) }
```

Border

The CSS property to change the border of an element to Yxy 38.5477, 0.3193, 0.3276 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(173, 165, 166) }
```

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

```
.border{ border-color:rgb(173, 165, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 165, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 165, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 165, 166);  
box-shadow:4px 4px 4px 4px rgb(173, 165,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5477, 0.3193, 0.3276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 165, 166) }
```

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

```
.background{ background-color: rgb(173,  
165, 166) }
```

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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