

Converting Colors

$Yxy(38.7470, 0.3147, 0.3172)$

Have a look what the booklet for
Yxy(38.7470, 0.3147, 0.3172)
contains.

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Color

Yxy(38.5667, 0.3142, 0.3166)

Conversions

Conversions Part 1

Format	Color
Hex	AEA4AD
RGB	174, 164, 173
RGB Percent	68%, 64%, 68%
CMY	0.3177, 0.3568, 0.3215
CMYK	0.00, 0.06, 0.01, 0.32
HSL	306°, 6%, 66%
HSV	306°, 6%, 68%
XYZ	38.2743, 38.5667, 44.9742
YIQ	168.0160, 3.0710, 4.9190

Conversions

Conversions Part 2

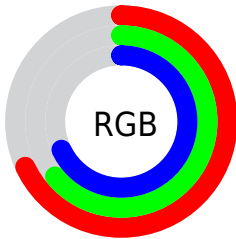
Format	Color
RYB	174, 164, 173
Decimal	11445421
CIELab	68.44, 5.28, -3.37
CIElCh	68, 6.260, 327.462
Yxy	38.5667, 0.3142, 0.3166
Android (android.graphics.Color)	4289635501 (0xFFAEA4AD)
YUV	168.0160, 2.4571, 5.2480
Hunter-Lab	62.1021, 1.3333, 0.5338

Details

The Yxy color **38.5667, 0.3142, 0.3166** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.8779, 0.3113, 0.3417**, and the grayscale version is **39.1537, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.9225, 0.3139, 0.3195**, and **17.1064, 0.3148, 0.3118** is the 20% darker color. If you saturate the color by 10%, you get **32.6958, 0.3170, 0.2944**, and if you desaturate by 10%, it is **45.2937, 0.3117, 0.3380**.

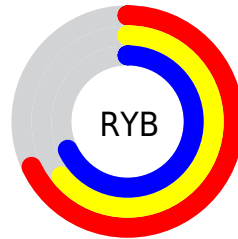
Distribution



Red (68%)

Green (64%)

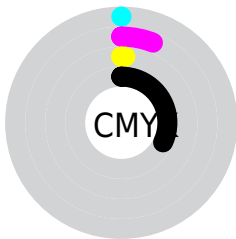
Blue (68%)



Red (68%)

Yellow (64%)

Blue (68%)

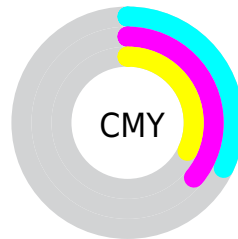


Cyan (0%)

Magenta (6%)

Yellow (1%)

Black (32%)



Cyan (32%)


Magenta (36%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.5667, 0.3142, 0.3166 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 38.5667, 0.3142, 0.3166 by changing the saturation by 10% instead.


 38.5667, 0.3142,
0.3166


 38.5667, 0.3142,
0.3166

340.0448, 0.3135,
0.3230

 26.4228, 0.3144,
0.3150


 72.9759, 0.3139,
0.3189

 17.1402, 0.3146,
0.3128


 96.0100, 0.3138,
0.3198

 10.3345, 0.3149,
0.3100

123.4430, 0.3137,
0.3205

 5.6213, 0.3154,
0.3058

155.6593, 0.3137,
0.3212

 2.6162, 0.3160,
0.2994

193.0432, 0.3136,
0.3217

 0.9348, 0.3170,
0.2880

235.9791, 0.3136,

 0.0000, 0.0000,

0.3222

0.0000

284.8515, 0.3135,
0.3226

■ 38.5667, 0.3142,
0.3166

■ 38.5667, 0.3142,
0.3166

■ 32.6958, 0.3170,
0.2944

■ 45.2937, 0.3117,
0.3380

■ 27.6418, 0.3202,
0.2719

■ 52.9043, 0.3095,
0.3582

■ 23.3694, 0.3236,
0.2497

■ 61.4309, 0.3076,
0.3771

■ 19.8394, 0.3273,
0.2286

■ 70.9026, 0.3059,
0.3945

■ 17.0086, 0.3311,
0.2096

■ 81.3475, 0.3045,
0.4105

■ 14.8298, 0.3349,
0.1936

■ 83.9426, 0.3035,
0.4124

■ 13.2498, 0.3386,
0.1813

■ 84.0133, 0.3026,
0.4104

■ 12.2069, 0.3422,
0.1733

■ 84.0849, 0.3017,
0.4084

■ 11.6223, 0.3454,
0.1694

■ 84.1573, 0.3009,
0.4063

Harmonies

Analogous

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



38.5667, 0.3050, 0.3133



38.5667, 0.3142, 0.3166



38.5667, 0.3232, 0.3231

Triad

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



38.5667, 0.3142, 0.3166



38.5667, 0.3277, 0.3440



38.5667, 0.2964, 0.3265

Complementary

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



38.5667, 0.3142, 0.3166



40.8779, 0.3113, 0.3417

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.



38.5667, 0.3023, 0.3350



38.5667, 0.3142, 0.3166



38.5667, 0.3204, 0.3452

Square

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



38.5667, 0.3142, 0.3166



38.5667, 0.3310, 0.3388



38.5667, 0.3110, 0.3419



38.5667, 0.2948, 0.3189

Rectangle

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



38.5667, 0.3142, 0.3166



38.5667, 0.3277, 0.3284



38.5667, 0.3110, 0.3419



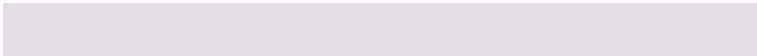
38.5667, 0.2979, 0.3294

Sweetspot

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



38.5684, 0.3142, 0.3166



74.3030, 0.3132, 0.3246



37.5899, 0.3049, 0.3149



16.5439, 0.3132, 0.3249



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.



38.5684, 0.3142, 0.3166



68.4015, 0.3146, 0.3136



38.3836, 0.3185, 0.3233



8.3870, 0.3147, 0.3129



8.3007, 0.3465, 0.1682



0.2347, 0.3378, 0.1635

Inverse Universe

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



38.5684, 0.3142, 0.3166



68.4015, 0.3146, 0.3136



41.0582, 0.3073, 0.3348



8.3870, 0.3147, 0.3129



8.3007, 0.3465, 0.1682



0.2347, 0.3378, 0.1635

Previews

White Background



This preview shows how the Yxy color 38.5667, 0.3142, 0.3166 looks on a white background.

Color Contrast Check

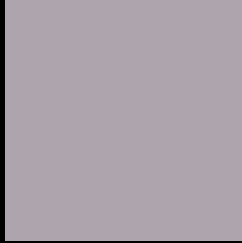
Large Text (above 18pt) WCAG AA × Fail

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 38.5667, 0.3142, 0.3166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

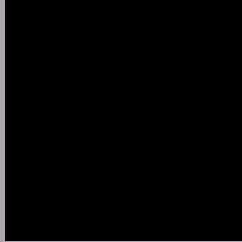
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

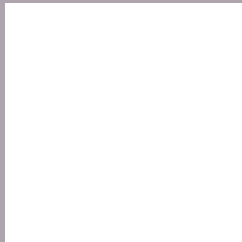
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.5667, 0.3142, 0.3166

Background



This preview shows how black text looks on a background with the Yxy color 38.5667, 0.3142, 0.3166.



This preview shows how white text looks on a background with the Yxy color 38.5667, 0.3142, 0.3166.

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

38.5667, 0.3142, 0.3166

Protanopia

38.6533, 0.3077, 0.3178

Deuteranopia

38.5611, 0.3200, 0.3141



Tritanopia

38.3276, 0.3117, 0.3112

Trichromacy



Original Color

38.5667, 0.3142, 0.3166

Protanomaly

38.5123, 0.3096, 0.3165

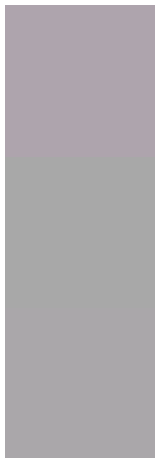
Deuteranomaly

38.6765, 0.3181, 0.3154

Tritanomaly

38.2882, 0.3126, 0.3125

Monochromacy



Original Color

38.5667, 0.3142, 0.3166

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.0858, 0.3129, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5667, 0.3142, 0.3166 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(174, 164, 173)` looks like.

```
.text, #text, p{  
    color:rgb(174, 164, 173)  
}
```

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(174, 164, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 164, 173) }
```

Border

The CSS property to change the border of an element to Yxy 38.5667, 0.3142, 0.3166 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(174, 164, 173) }
```

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

```
.border{ border-color:rgb(174, 164, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 164, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(174, 164, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(174, 164, 173); box-shadow:4px 4px 4px 4px rgb(174, 164, 173) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5667, 0.3142, 0.3166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 164, 173) }
```

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

```
.background{ background-color: rgb(174,  
164, 173) }
```

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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