

Converting Colors

Yxy(38.8124, 0.3216, 0.3501)

Have a look what the booklet for
Yxy(38.8124, 0.3216, 0.3501)
contains.

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Color

Yxy(38.7084, 0.3219, 0.3506)

Conversions

Conversions Part 1

Format	Color
Hex	A5A99A
RGB	165, 169, 154
RGB Percent	65%, 66%, 60%
CMY	0.3528, 0.3373, 0.3962
CMYK	0.02, 0.00, 0.09, 0.34
HSL	76°, 8%, 63%
HSV	76°, 9%, 66%
XYZ	35.5397, 38.7084, 36.1580
YIQ	166.0940, 2.4310, -5.5130

Conversions

Conversions Part 2

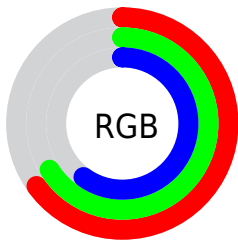
Format	Color
RYB	154, 169, 158
Decimal	10856858
CIELab	68.54, -4.18, 7.26
CIELCh	69, 8.376, 119.930
Yxy	38.7084, 0.3219, 0.3506
Android (android.graphics.Color)	4289046938 (0xFFA5A99A)
YUV	166.0940, -5.9623, -0.9594
Hunter-Lab	62.2161, -6.9134, 9.0938

Details

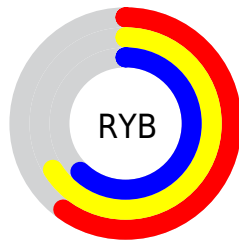
The Yxy color **38.7084, 0.3219, 0.3506** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.2308, 0.3030, 0.3070**, and the grayscale version is **38.2112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.0810, 0.3204, 0.3466**, and **17.2126, 0.3243, 0.3574** is the 20% darker color. If you saturate the color by 10%, you get **37.7151, 0.3323, 0.3762**, and if you desaturate by 10%, it is **39.8011, 0.3116, 0.3264**.

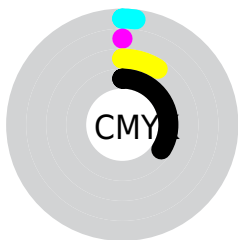
Distribution



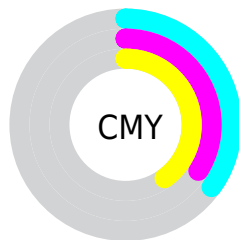
- Red (65%)
- Green (66%)
- Blue (60%)



- Red (60%)
- Yellow (66%)
- Blue (62%)



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)
- Black (34%)





- Cyan (35%)
- Magenta (34%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7084, 0.3219, 0.3506 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 38.7084, 0.3219, 0.3506 by changing the saturation by 10% instead.

 38.7084, 0.3219,
0.3506


 38.7084, 0.3219,
0.3506


340.6491, 0.3172,
0.3394

 26.5330, 0.3231,
0.3536


 73.1926, 0.3202,
0.3464

 17.2228, 0.3247,
0.3574


 96.2702, 0.3195,
0.3449

 10.3935, 0.3268,
0.3628


123.7507, 0.3190,
0.3436

 5.6606, 0.3298,
0.3706

156.0183, 0.3185,
0.3425

 2.6398, 0.3344,
0.3832

193.4576, 0.3181,
0.3415

 0.9467, 0.3517,
0.4180

236.4529, 0.3178,

 0.0000, 0.0000,

0.3407

0.0000

285.3886, 0.3175,
0.3400

■ 38.7084, 0.3219,
0.3506

■ 38.7084, 0.3219,
0.3506

■ 37.7151, 0.3323,
0.3762

■ 39.8011, 0.3116,
0.3264

■ 36.8126, 0.3426,
0.4027

■ 40.9915, 0.3016,
0.3039

■ 35.9991, 0.3523,
0.4295

■ 42.2842, 0.2922,
0.2832

■ 35.2704, 0.3609,
0.4555

■ 43.6823, 0.2833,
0.2643

■ 34.6223, 0.3679,
0.4798

■ 45.1886, 0.2750,
0.2472

■ 34.0500, 0.3729,
0.5012

■ 46.7817, 0.2677,
0.2322

■ 33.5481, 0.3756,
0.5187

■ 47.3735, 0.2709,
0.2330

■ 33.1103, 0.3757,
0.5317

■ 47.9831, 0.2743,
0.2339

■ 32.7248, 0.3738,
0.5406

■ 48.6107, 0.2776,
0.2348

Harmonies

Analogous

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



38.7084, 0.3321, 0.3494



38.7084, 0.3219, 0.3506



38.7084, 0.3094, 0.3457

Triad

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



38.7084, 0.3219, 0.3506



38.7084, 0.2889, 0.3147



38.7084, 0.3275, 0.3219

Complementary

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



38.7084, 0.3219, 0.3506



33.2308, 0.3030, 0.3070

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.



38.7084, 0.3157, 0.3131



38.7084, 0.3219, 0.3506



38.7084, 0.2935, 0.3088

Square

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



38.7084, 0.3219, 0.3506



38.7084, 0.2905, 0.3247



38.7084, 0.3033, 0.3083



38.7084, 0.3354, 0.3326

Rectangle

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



38.7084, 0.3219, 0.3506



38.7084, 0.3014, 0.3397



38.7084, 0.3033, 0.3083



38.7084, 0.3239, 0.3186

Sweetspot

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



38.7101, 0.3219, 0.3506



70.4473, 0.3158, 0.3363



35.1289, 0.3273, 0.3345



15.3208, 0.3167, 0.3382



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.7101, 0.3219, 0.3506



68.9021, 0.3243, 0.3564



37.9497, 0.3151, 0.3510



8.6725, 0.3223, 0.3516



24.3860, 0.3741, 0.5412



0.6161, 0.3898, 0.5287

Inverse Universe

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



33.2308, 0.3030, 0.3070



56.7347, 0.3003, 0.3009



33.9924, 0.3101, 0.3074



7.3929, 0.3026, 0.3059



2.5685, 0.1675, 0.0696



0.0868, 0.2033, 0.0893

Previews

White Background



This preview shows how the Yxy color 38.7084, 0.3219, 0.3506 looks on a white background.

Color Contrast Check

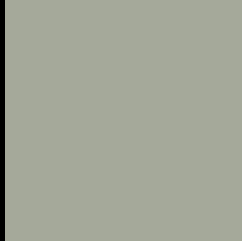
Large Text (above 18pt) WCAG AA × Fail

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 38.7084, 0.3219, 0.3506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

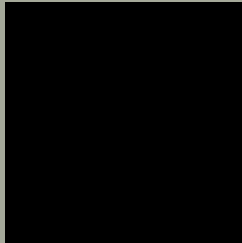
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

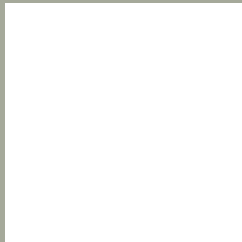
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.7084, 0.3219, 0.3506

Background



This preview shows how black text looks on a background with the Yxy color 38.7084, 0.3219, 0.3506.



This preview shows how white text looks on a background with the Yxy color 38.7084, 0.3219, 0.3506.

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

38.7084, 0.3219, 0.3506

Protanopia

38.4566, 0.3308, 0.3474

Deuteranopia

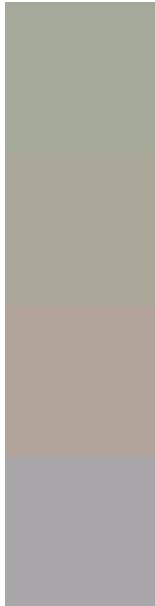
38.4548, 0.3427, 0.3358



Tritanopia

38.5596, 0.3053, 0.3110

Trichromacy



Original Color

38.7084, 0.3219, 0.3506

Protanomaly

38.4834, 0.3277, 0.3489

Deuteranomaly

38.5012, 0.3351, 0.3415

Tritanomaly

38.4618, 0.3120, 0.3248

Monochromacy



Original Color

38.7084, 0.3219, 0.3506

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.3531, 0.3161, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7084, 0.3219, 0.3506 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(165, 169, 154)` looks like.

```
.text, #text, p{  
    color:rgb(165, 169, 154)  
}
```

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(165, 169, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 169, 154) }
```

Border

The CSS property to change the border of an element to Yxy 38.7084, 0.3219, 0.3506 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(165, 169, 154) }
```

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

```
.border{ border-color:rgb(165, 169, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 169, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 169, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 169, 154);  
box-shadow:4px 4px 4px 4px rgb(165, 169,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7084, 0.3219, 0.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 169, 154) }
```

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

```
.background{ background-color: rgb(165,  
169, 154) }
```

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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