

Converting Colors

$Yxy(38.4480, 0.3123, 0.3556)$

Have a look what the booklet for
Yxy(38.4480, 0.3123, 0.3556)
contains.

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Color

Yxy(38.2958, 0.3124, 0.3556)

Conversions

Conversions Part 1

Format	Color
Hex	9AAB99
RGB	154, 171, 153
RGB Percent	60%, 67%, 60%
CMY	0.3959, 0.3294, 0.4000
CMYK	0.10, 0.00, 0.11, 0.33
HSL	117°, 10%, 64%
HSV	117°, 11%, 67%
XYZ	33.6434, 38.2958, 35.7542
YIQ	163.8650, -4.3540, -9.2020

Conversions

Conversions Part 2

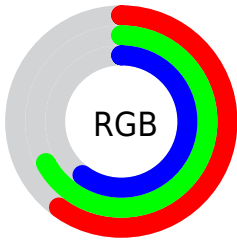
Format	Color
RYB	153, 171, 170
Decimal	10136473
CIELab	68.24, -9.40, 7.26
CIELCh	68, 11.879, 142.343
Yxy	38.2958, 0.3124, 0.3556
Android (android.graphics.Color)	4288326553 (0xFF9AAB99)
YUV	163.8650, -5.3564, -8.6516
Hunter-Lab	61.8836, -11.2536, 9.0628

Details

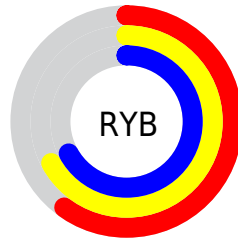
The Yxy color **38.2958, 0.3124, 0.3556** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.2637, 0.3129, 0.3036**, and the grayscale version is **37.0874, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.3076, 0.3124, 0.3504**, and **17.0365, 0.3123, 0.3647** is the 20% darker color. If you saturate the color by 10%, you get **36.2952, 0.3119, 0.3842**, and if you desaturate by 10%, it is **40.5930, 0.3127, 0.3302**.

Distribution



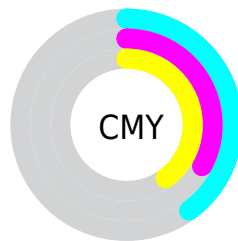
- Red (60%)
- Green (67%)
- Blue (60%)



- Red (60%)
- Yellow (67%)
- Blue (67%)



- Cyan (10%)
- Magenta (0%)
- Yellow (11%)
- Black (33%)





- Cyan (40%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2958, 0.3124, 0.3556 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 38.2958, 0.3124, 0.3556 by changing the saturation by 10% instead.


 38.2958, 0.3124,
0.3556


 38.2958, 0.3124,
0.3556


338.8872, 0.3127,
0.3416

 26.2123, 0.3123,
0.3593


 72.5613, 0.3125,
0.3504

 16.9826, 0.3121,
0.3642


 95.5121, 0.3126,
0.3484

 10.2221, 0.3118,
0.3711


122.8542, 0.3126,
0.3468

 5.5464, 0.3113,
0.3812

154.9719, 0.3126,
0.3455

 2.5713, 0.3102,
0.3977

192.2497, 0.3126,
0.3443

 0.9123, 0.3131,
0.4482

235.0719, 0.3127,

 0.0000, 0.0000,

0.3433

0.0000

283.8229, 0.3127,
0.3424

■ 38.2958, 0.3124,
0.3556

■ 38.2958, 0.3124,
0.3556

■ 36.2952, 0.3119,
0.3842

■ 40.5930, 0.3127,
0.3302

■ 34.5744, 0.3112,
0.4158

■ 43.1931, 0.3129,
0.3081

■ 33.1225, 0.3103,
0.4497

■ 46.1081, 0.3129,
0.2888

■ 31.9259, 0.3090,
0.4846

■ 49.3483, 0.3129,
0.2722

■ 30.9698, 0.3075,
0.5184

■ 52.9232, 0.3128,
0.2579

■ 30.2378, 0.3059,
0.5488

■ 56.8037, 0.3132,
0.2460

■ 29.7117, 0.3041,
0.5731

■ 57.6043, 0.3166,
0.2469

■ 29.3703, 0.3024,
0.5897

■ 29.1878, 0.3013,
0.5989

Harmonies

Analogous

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



38.2958, 0.3298, 0.3603



38.2958, 0.3124, 0.3556



38.2958, 0.2954, 0.3431

Triad

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



38.2958, 0.3124, 0.3556



38.2958, 0.2831, 0.3018



38.2958, 0.3431, 0.3301

Complementary

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



38.2958, 0.3124, 0.3556



34.2637, 0.3129, 0.3036

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.



38.2958, 0.3299, 0.3154



38.2958, 0.3124, 0.3556



38.2958, 0.2952, 0.2993

Square

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



38.2958, 0.3124, 0.3556



38.2958, 0.2788, 0.3116



38.2958, 0.3123, 0.3043



38.2958, 0.3479, 0.3449

Rectangle

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



38.2958, 0.3124, 0.3556



38.2958, 0.2865, 0.3323



38.2958, 0.3123, 0.3043



38.2958, 0.3394, 0.3250

Sweetspot

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



38.2974, 0.3124, 0.3556



71.6138, 0.3126, 0.3363



39.6304, 0.3283, 0.3527



15.8954, 0.3126, 0.3383



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.



38.2974, 0.3124, 0.3556



67.5715, 0.3123, 0.3630



38.4625, 0.3051, 0.3439



8.9605, 0.3124, 0.3524



22.0124, 0.3016, 0.5988



0.6193, 0.3084, 0.5933

Inverse Universe

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



34.2637, 0.3129, 0.3036



58.6556, 0.3129, 0.2969



34.0907, 0.3212, 0.3145



8.1243, 0.3129, 0.3066



7.9495, 0.3068, 0.1464



0.2281, 0.3113, 0.1489

Previews

White Background



This preview shows how the Yxy color 38.2958, 0.3124, 0.3556 looks on a white background.

Color Contrast Check

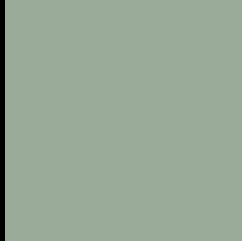
Large Text (above 18pt) WCAG AA × Fail

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 38.2958, 0.3124, 0.3556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

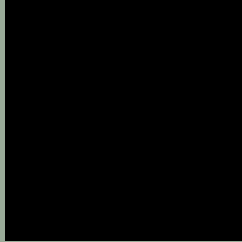
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

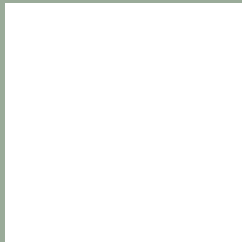
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.2958, 0.3124, 0.3556

Background



This preview shows how black text looks on a background with the Yxy color 38.2958, 0.3124, 0.3556.



This preview shows how white text looks on a background with the Yxy color 38.2958, 0.3124, 0.3556.

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

38.2958, 0.3124, 0.3556

Protanopia

38.3587, 0.3335, 0.3517

Deuteranopia

37.9473, 0.3429, 0.3359



Tritanopia

38.2018, 0.2939, 0.3106

Trichromacy



Original Color

38.2958, 0.3124, 0.3556

Protanomaly

38.3466, 0.3255, 0.3535

Deuteranomaly

37.8827, 0.3312, 0.3431

Tritanomaly

38.0756, 0.3011, 0.3261

Monochromacy



Original Color

38.2958, 0.3124, 0.3556

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.6491, 0.3122, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2958, 0.3124, 0.3556 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(154, 171, 153)` looks like.

```
.text, #text, p{  
    color:rgb(154, 171, 153)  
}
```

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(154, 171, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 171, 153) }
```

Border

The CSS property to change the border of an element to Yxy 38.2958, 0.3124, 0.3556 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(154, 171, 153) }
```

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

```
.border{ border-color:rgb(154, 171, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 171, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 171, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 171, 153);  
box-shadow:4px 4px 4px 4px rgb(154, 171,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2958, 0.3124, 0.3556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 171, 153) }
```

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

```
.background{ background-color: rgb(154,  
171, 153) }
```

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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