

Converting Colors

$Yxy(38.4788, 0.2946, 0.3300)$

Have a look what the booklet for
Yxy(38.4788, 0.2946, 0.3300)
contains.

Yxy(38.5121, 0.2951, 0.3304)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(38.5121, 0.2951, 0.3304)

Conversions

Conversions Part 1

Format	Color
Hex	96ABAA
RGB	150, 171, 170
RGB Percent	59%, 67%, 67%
CMY	0.4117, 0.3294, 0.3333
CMYK	0.12, 0.00, 0.01, 0.33
HSL	177°, 11%, 63%
HSV	177°, 12%, 67%
XYZ	34.3975, 38.5121, 43.6525
YIQ	164.6070, -12.1950, -4.7630

Conversions

Conversions Part 2

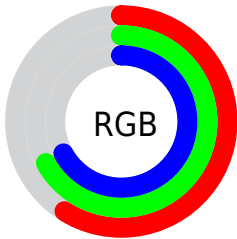
Format	Color
RYB	150, 161, 171
Decimal	9874346
CIELab	68.40, -7.46, -1.96
CIElCh	68, 7.717, 194.730
Yxy	38.5121, 0.2951, 0.3304
Android (android.graphics.Color)	4288064426 (0xFF96ABAA)
YUV	164.6070, 2.6587, -12.8103
Hunter-Lab	62.0581, -9.6631, 1.7353

Details

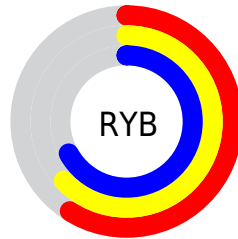
The Yxy color **38.5121, 0.2951, 0.3304** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.7080, 0.3334, 0.3276**, and the grayscale version is **37.4217, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6663, 0.2984, 0.3301**, and **17.1543, 0.2897, 0.3310** is the 20% darker color. If you saturate the color by 10%, you get **36.9773, 0.2816, 0.3317**, and if you desaturate by 10%, it is **40.2870, 0.3094, 0.3292**.

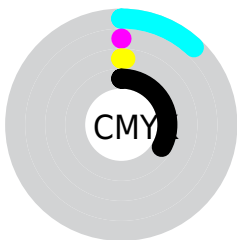
Distribution



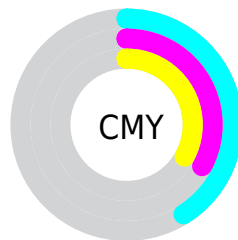
- Red (59%)
- Green (67%)
- Blue (67%)



- Red (59%)
- Yellow (63%)
- Blue (67%)



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (33%)





- Cyan (41%)
- Magenta (33%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.5121, 0.2951, 0.3304 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 38.5121, 0.2951, 0.3304 by changing the saturation by 10% instead.


 38.5121, 0.2951,
0.3304

 38.5121, 0.2951,
0.3304


339.8117, 0.3042,
0.3297

 26.3804, 0.2928,
0.3306


 72.8924, 0.2985,
0.3302

 17.1084, 0.2897,
0.3308


 95.9097, 0.2997,
0.3301

 10.3118, 0.2855,
0.3310


123.3244, 0.3007,
0.3300

 5.6062, 0.2795,
0.3313

155.5208, 0.3016,
0.3299

 2.6071, 0.2700,
0.3317

192.8834, 0.3024,
0.3299

 0.9303, 0.2511,
0.3331

235.7964, 0.3031,

 0.0000, 0.0000,

0.3298

0.0000

284.6444, 0.3036,
0.3298

■ 38.5121, 0.2951,
0.3304

■ 38.5121, 0.2951,
0.3304

■ 36.9773, 0.2816,
0.3317

■ 40.2870, 0.3094,
0.3292

■ 35.6676, 0.2693,
0.3330

■ 42.3069, 0.3242,
0.3282

■ 34.5737, 0.2583,
0.3344

■ 44.5823, 0.3393,
0.3273

■ 33.6837, 0.2489,
0.3359

■ 47.1219, 0.3545,
0.3264

■ 32.9846, 0.2413,
0.3375

■ 49.9339, 0.3695,
0.3257

■ 32.4619, 0.2356,
0.3390

■ 53.0262, 0.3841,
0.3251

■ 32.0990, 0.2317,
0.3406

■ 53.5088, 0.3855,
0.3243

■ 31.8761, 0.2295,
0.3421

■ 53.5409, 0.3847,
0.3234

■ 31.7665, 0.2287,
0.3433

■ 53.5733, 0.3840,
0.3226

Harmonies

Analogous

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



38.5121, 0.3041, 0.3405



38.5121, 0.2951, 0.3304



38.5121, 0.2907, 0.3202

Triad

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



38.5121, 0.2951, 0.3304



38.5121, 0.3095, 0.3115



38.5121, 0.3337, 0.3452

Complementary

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



38.5121, 0.2951, 0.3304



32.7080, 0.3334, 0.3276

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.



38.5121, 0.3352, 0.3372



38.5121, 0.2951, 0.3304



38.5121, 0.3211, 0.3180

Square

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



38.5121, 0.2951, 0.3304



38.5121, 0.2990, 0.3095



38.5121, 0.3306, 0.3273



38.5121, 0.3264, 0.3491

Rectangle

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



38.5121, 0.2951, 0.3304



38.5121, 0.2910, 0.3147



38.5121, 0.3306, 0.3273



38.5121, 0.3349, 0.3429

Sweetspot

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



38.5137, 0.2951, 0.3304



71.5488, 0.3068, 0.3294



37.9136, 0.3122, 0.3604



15.9013, 0.3057, 0.3295



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.



38.5137, 0.2951, 0.3304



68.1087, 0.2910, 0.3308



35.1092, 0.2940, 0.3150



9.0654, 0.2993, 0.3301



23.9490, 0.2287, 0.3431



0.6682, 0.2273, 0.3384

Inverse Universe

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



32.7080, 0.3334, 0.3276



55.4419, 0.3394, 0.3273



35.8136, 0.3327, 0.3426



8.0213, 0.3279, 0.3280



6.5425, 0.6337, 0.3265



0.1840, 0.6070, 0.3118

Previews

White Background



This preview shows how the Yxy color 38.5121, 0.2951, 0.3304 looks on a white background.

Color Contrast Check

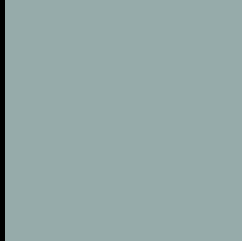
Large Text (above 18pt) WCAG AA × Fail

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 38.5121, 0.2951, 0.3304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

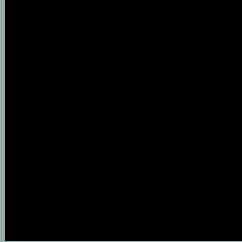
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

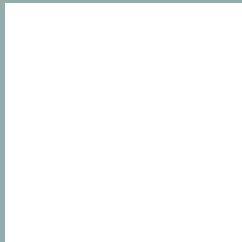
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.5121, 0.2951, 0.3304

Background



This preview shows how black text looks on a background with the Yxy color 38.5121, 0.2951, 0.3304.

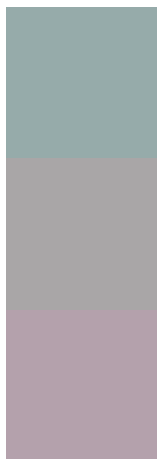


This preview shows how white text looks on a background with the Yxy color 38.5121, 0.2951, 0.3304.

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

38.5121, 0.2951, 0.3304

Protanopia

38.4975, 0.3146, 0.3276

Deuteranopia

38.1716, 0.3210, 0.3141



Tritanopia

38.4702, 0.2866, 0.3090

Trichromacy



Original Color

38.5121, 0.2951, 0.3304

Protanomaly

38.5138, 0.3073, 0.3290

Deuteranomaly

38.2856, 0.3113, 0.3206

Tritanomaly

38.5431, 0.2897, 0.3174

Monochromacy



Original Color

38.5121, 0.2951, 0.3304

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.9010, 0.3063, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5121, 0.2951, 0.3304 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(150, 171, 170)` looks like.

```
.text, #text, p{  
    color:rgb(150, 171, 170)  
}
```

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(150, 171, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 171, 170) }
```

Border

The CSS property to change the border of an element to Yxy 38.5121, 0.2951, 0.3304 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(150, 171, 170) }
```

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

```
.border{ border-color:rgb(150, 171, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 171, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 171, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 171, 170);  
box-shadow:4px 4px 4px 4px rgb(150, 171,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5121, 0.2951, 0.3304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 171, 170) }
```

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

```
.background{ background-color: rgb(150,  
171, 170) }
```

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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