

Converting Colors

$Yxy(34.8183, 0.3100, 0.3473)$

Have a look what the booklet for
Yxy(34.8183, 0.3100, 0.3473)
contains.

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Color

Yxy(34.8183, 0.3100, 0.3473)

Conversions

Conversions Part 1

Format	Color
Hex	95A397
RGB	149, 163, 151
RGB Percent	58%, 64%, 59%
CMY	0.4156, 0.3608, 0.4079
CMYK	0.09, 0.00, 0.07, 0.36
HSL	128°, 7%, 61%
HSV	128°, 9%, 64%
XYZ	31.0788, 34.8183, 34.3571
YIQ	157.4460, -4.4920, -6.7000

Conversions

Conversions Part 2

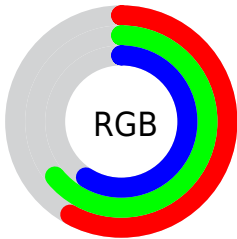
Format	Color
RYB	149, 161, 163
Decimal	9806743
CIELab	65.61, -7.29, 4.54
CIElCh	66, 8.588, 148.072
Yxy	34.8183, 0.3100, 0.3473
Android (android.graphics.Color)	4287996823 (0xFF95A397)
YUV	157.4460, -3.1779, -7.4071
Hunter-Lab	59.0070, -9.2469, 6.7830

Details

The Yxy color **34.8183, 0.3100, 0.3473** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.8602, 0.3156, 0.3114**, and the grayscale version is **33.9459, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2471, 0.3106, 0.3440**, and **14.8856, 0.3089, 0.3532** is the 20% darker color. If you saturate the color by 10%, you get **32.9641, 0.3068, 0.3712**, and if you desaturate by 10%, it is **36.9440, 0.3132, 0.3262**.

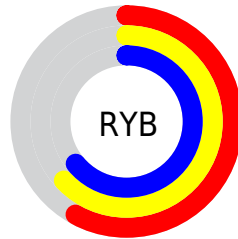
Distribution



Red (58%)

Green (64%)

Blue (59%)



Red (58%)

Yellow (63%)

Blue (64%)

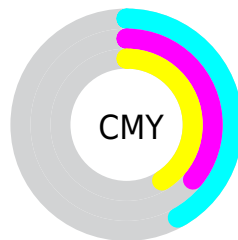


Cyan (9%)

Magenta (0%)

Yellow (7%)

Black (36%)



Cyan (42%)


Magenta (36%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8183, 0.3100, 0.3473 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 34.8183, 0.3100, 0.3473 by changing the saturation by 10% instead.


 34.8183, 0.3100,
0.3473


 34.8183, 0.3100,
0.3473


323.7656, 0.3115,
0.3376

 23.5229, 0.3096,
0.3499


 67.2042, 0.3106,
0.3436

 14.9801, 0.3090,
0.3534


 89.0635, 0.3108,
0.3423

 8.8054, 0.3082,
0.3584


115.2129, 0.3109,
0.3412

 4.6145, 0.3070,
0.3658

146.0369, 0.3111,
0.3402

 2.0229, 0.3047,
0.3781

181.9197, 0.3112,
0.3394

 0.6207, 0.2962,
0.4462

223.2459, 0.3113,

 0.0000, 0.0000,

0.3387

0.0000

270.3997, 0.3114,
0.3381

■ 34.8183, 0.3100,
0.3473

■ 34.8183, 0.3100,
0.3473

■ 32.9641, 0.3068,
0.3712

■ 36.9440, 0.3132,
0.3262

■ 31.3663, 0.3036,
0.3979

■ 39.3469, 0.3162,
0.3077

■ 30.0149, 0.3006,
0.4270

■ 42.0381, 0.3190,
0.2916

■ 28.8975, 0.2979,
0.4578

■ 45.0268, 0.3217,
0.2777

■ 28.0006, 0.2959,
0.4892

■ 48.3217, 0.3241,
0.2657

■ 27.3096, 0.2946,
0.5195

■ 51.9312, 0.3263,
0.2553

■ 26.8079, 0.2944,
0.5468

■ 54.2915, 0.3217,
0.2445

■ 26.4760, 0.2951,
0.5692

■ 54.6747, 0.3169,
0.2394

■ 26.2800, 0.2964,
0.5856

Harmonies

Analogous

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



34.8183, 0.3232, 0.3521



34.8183, 0.3100, 0.3473



34.8183, 0.2977, 0.3373

Triad

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



34.8183, 0.3100, 0.3473



34.8183, 0.2919, 0.3078



34.8183, 0.3365, 0.3321

Complementary

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



34.8183, 0.3100, 0.3473



31.8602, 0.3156, 0.3114

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.



34.8183, 0.3278, 0.3208



34.8183, 0.3100, 0.3473



34.8183, 0.3019, 0.3069

Square

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



34.8183, 0.3100, 0.3473



34.8183, 0.2874, 0.3144



34.8183, 0.3150, 0.3117



34.8183, 0.3387, 0.3429

Rectangle

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



34.8183, 0.3100, 0.3473



34.8183, 0.2916, 0.3292



34.8183, 0.3150, 0.3117



34.8183, 0.3342, 0.3283

Sweetspot

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



34.8198, 0.3100, 0.3473



64.4000, 0.3118, 0.3353



35.9563, 0.3233, 0.3497



14.3967, 0.3115, 0.3369



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



34.8198, 0.3100, 0.3473



61.7935, 0.3095, 0.3510



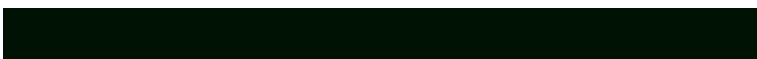
35.0499, 0.3041, 0.3367



7.9106, 0.3098, 0.3489



20.4104, 0.2962, 0.5864



0.4333, 0.2828, 0.5382

Inverse Universe

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



31.8602, 0.3156, 0.3114



55.5689, 0.3161, 0.3080



31.6240, 0.3222, 0.3214



7.1849, 0.3158, 0.3099



7.5270, 0.3594, 0.1753



0.1626, 0.3436, 0.1666

Previews

White Background



This preview shows how the Yxy color 34.8183, 0.3100, 0.3473 looks on a white background.

Color Contrast Check

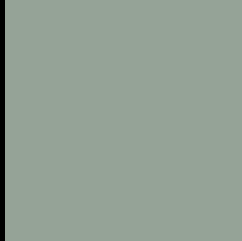
Large Text (above 18pt) WCAG AA × Fail

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 34.8183, 0.3100, 0.3473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

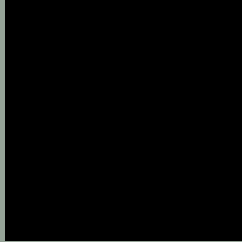
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

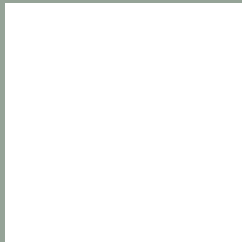
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.8183, 0.3100, 0.3473

Background



This preview shows how black text looks on a background with the Yxy color 34.8183, 0.3100, 0.3473.



This preview shows how white text looks on a background with the Yxy color 34.8183, 0.3100, 0.3473.

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

34.8183, 0.3100, 0.3473

Protanopia

34.8587, 0.3267, 0.3437

Deuteranopia

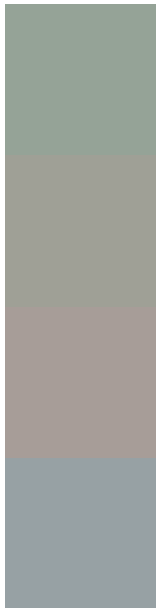
34.7582, 0.3369, 0.3305



Tritanopia

34.7956, 0.2949, 0.3113

Trichromacy



Original Color

34.8183, 0.3100, 0.3473

Protanomaly

34.7145, 0.3207, 0.3439

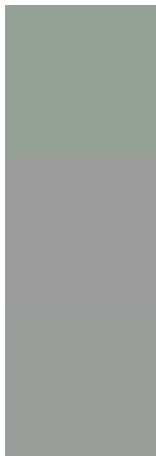
Deuteranomaly

34.5964, 0.3272, 0.3363

Tritanomaly

34.7494, 0.3008, 0.3245

Monochromacy



Original Color

34.8183, 0.3100, 0.3473

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.0329, 0.3115, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8183, 0.3100, 0.3473 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(149, 163, 151)` looks like.

```
.text, #text, p{  
    color:rgb(149, 163, 151)  
}
```

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(149, 163, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 163, 151) }
```

Border

The CSS property to change the border of an element to Yxy 34.8183, 0.3100, 0.3473 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(149, 163, 151) }
```

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

```
.border{ border-color:rgb(149, 163, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 163, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 163, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 163, 151);  
box-shadow:4px 4px 4px 4px rgb(149, 163,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8183, 0.3100, 0.3473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 163, 151) }
```

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

```
.background{ background-color: rgb(149,  
163, 151) }
```

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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