

Converting Colors

$Y_{xy}(31.9773, 0.3003, 0.3359)$

Have a look what the booklet for
Yxy(31.9773, 0.3003, 0.3359)
contains.

Yxy(31.9893, 0.3000, 0.3353)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(31.9893, 0.3000, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	8C9D99
RGB	140, 157, 153
RGB Percent	55%, 62%, 60%
CMY	0.4509, 0.3843, 0.4001
CMYK	0.11, 0.00, 0.03, 0.38
HSL	166°, 8%, 58%
HSV	166°, 11%, 62%
XYZ	28.6215, 31.9893, 34.7942
YIQ	151.4610, -8.8480, -4.8480

Conversions

Conversions Part 2

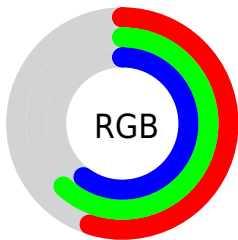
Format	Color
RYB	140, 150, 157
Decimal	9215385
CIELab	63.33, -6.82, 0.05
CIELCh	63, 6.821, 179.596
Yxy	31.9893, 0.3000, 0.3353
Android (android.graphics.Color)	4287405465 (0xFF8C9D99)
YUV	151.4610, 0.7587, -10.0513
Hunter-Lab	56.5591, -8.6492, 3.1171

Details

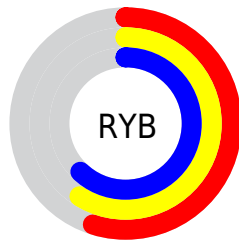
The Yxy color **31.9893, 0.3000, 0.3353** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.9417, 0.3272, 0.3228**, and the grayscale version is **31.1555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.0613, 0.3030, 0.3349**, and **13.4410, 0.2960, 0.3381** is the 20% darker color. If you saturate the color by 10%, you get **30.6016, 0.2888, 0.3417**, and if you desaturate by 10%, it is **33.5781, 0.3117, 0.3295**.

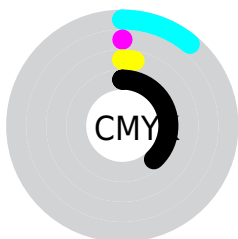
Distribution



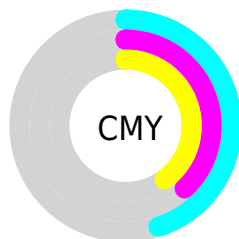
- Red (55%)
- Green (62%)
- Blue (60%)



- Red (55%)
- Yellow (59%)
- Blue (62%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (38%)





- Cyan (45%)
- Magenta (38%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.9893, 0.3000, 0.3353 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 31.9893, 0.3000, 0.3353 by changing the saturation by 10% instead.


 31.9893, 0.3000,
0.3353


 31.9893, 0.3000,
0.3353


311.0705, 0.3068,
0.3320

 21.3533, 0.2982,
0.3362


 62.7943, 0.3026,
0.3340

 13.3825, 0.2957,
0.3374


 83.7321, 0.3035,
0.3336

 7.6925, 0.2923,
0.3391


 108.8727, 0.3043,
0.3332

 3.8988, 0.2871,
0.3417

138.6004, 0.3049,
0.3329

 1.6171, 0.2784,
0.3460

173.2997, 0.3055,
0.3326

 0.3691, 0.1936,
0.3877

213.3548, 0.3060,

 0.0000, 0.0000,

0.3324

0.0000

259.1503, 0.3064,
0.3321

■ 31.9893, 0.3000,
0.3353

■ 31.9893, 0.3000,
0.3353

■ 30.6016, 0.2888,
0.3417

■ 33.5781, 0.3117,
0.3295

■ 29.4029, 0.2783,
0.3487

■ 35.3717, 0.3237,
0.3242

■ 28.3855, 0.2689,
0.3562

■ 37.3788, 0.3358,
0.3195

■ 27.5399, 0.2609,
0.3641

■ 39.6065, 0.3478,
0.3153

■ 26.8558, 0.2544,
0.3724

■ 42.0612, 0.3596,
0.3117

■ 26.3216, 0.2496,
0.3809

■ 44.7494, 0.3710,
0.3085

■ 25.9242, 0.2468,
0.3895

■ 47.6772, 0.3820,
0.3057

■ 25.6481, 0.2458,
0.3981

■ 48.7821, 0.3830,
0.3022

■ 25.4674, 0.2461,
0.4060

■ 48.9386, 0.3793,
0.2984

Harmonies

Analogous

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



31.9893, 0.3100, 0.3436



31.9893, 0.3000, 0.3353



31.9893, 0.2935, 0.3254

Triad

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



31.9893, 0.3000, 0.3353



31.9893, 0.3044, 0.3110



31.9893, 0.3339, 0.3409

Complementary

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



31.9893, 0.3000, 0.3353



27.9417, 0.3272, 0.3228

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.



31.9893, 0.3324, 0.3321



31.9893, 0.3000, 0.3353



31.9893, 0.3152, 0.3151

Square

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



31.9893, 0.3000, 0.3353



31.9893, 0.2960, 0.3115



31.9893, 0.3255, 0.3227



31.9893, 0.3296, 0.3466

Rectangle

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



31.9893, 0.3000, 0.3353



31.9893, 0.2919, 0.3193



31.9893, 0.3255, 0.3227



31.9893, 0.3340, 0.3382

Sweetspot

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



31.9906, 0.3000, 0.3353



59.4656, 0.3091, 0.3307



31.9614, 0.3156, 0.3560



13.0352, 0.3082, 0.3312



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



31.9906, 0.3000, 0.3353



56.6537, 0.2972, 0.3368



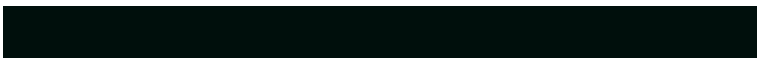
30.7129, 0.2965, 0.3223



7.4826, 0.3018, 0.3343



20.6890, 0.2459, 0.4053



0.3759, 0.2364, 0.3711

Inverse Universe

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



27.9417, 0.3272, 0.3228



47.9221, 0.3309, 0.3213



29.0867, 0.3306, 0.3357



6.6706, 0.3249, 0.3237



5.9362, 0.5923, 0.3037



0.1120, 0.4953, 0.2502

Previews

White Background



This preview shows how the Yxy color 31.9893, 0.3000, 0.3353 looks on a white background.

Color Contrast Check

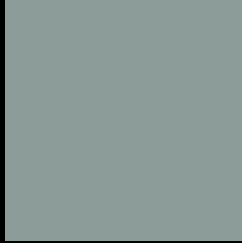
Large Text (above 18pt) WCAG AA × Fail

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 31.9893, 0.3000, 0.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

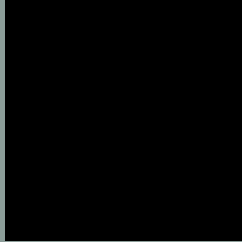
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

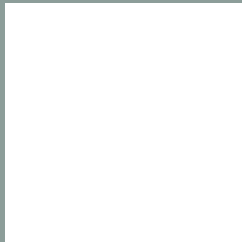
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.9893, 0.3000, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 31.9893, 0.3000, 0.3353.

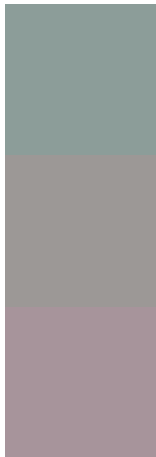


This preview shows how white text looks on a background with the Yxy color 31.9893, 0.3000, 0.3353.

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

31.9893, 0.3000, 0.3353

Protanopia

31.7264, 0.3186, 0.3321

Deuteranopia

31.7619, 0.3256, 0.3188



Tritanopia

31.9835, 0.2898, 0.3105

Trichromacy



Original Color

31.9893, 0.3000, 0.3353

Protanomaly

31.8296, 0.3115, 0.3336

Deuteranomaly

31.6344, 0.3160, 0.3245

Tritanomaly

32.0483, 0.2932, 0.3196

Monochromacy



Original Color

31.9893, 0.3000, 0.3353

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.2525, 0.3077, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9893, 0.3000, 0.3353 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(140, 157, 153)` looks like.

```
.text, #text, p{  
    color:rgb(140, 157, 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(140, 157, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 157, 153) }
```

Border

The CSS property to change the border of an element to Yxy 31.9893, 0.3000, 0.3353 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(140, 157, 153) }
```

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

```
.border{ border-color:rgb(140, 157, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 157, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 157, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 157, 153);  
box-shadow:4px 4px 4px 4px rgb(140, 157,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9893, 0.3000, 0.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 157, 153) }
```

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

```
.background{ background-color: rgb(140,  
157, 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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