

Converting Colors

$Y_{xy}(32.0260, 0.3452, 0.3392)$

Have a look what the booklet for
Yxy(32.0260, 0.3452, 0.3392)
contains.

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Color

Yxy(31.9871, 0.3461, 0.3393)

Conversions

Conversions Part 1

Format	Color
Hex	AD948D
RGB	173, 148, 141
RGB Percent	68%, 58%, 55%
CMY	0.3217, 0.4196, 0.4470
CMYK	0.00, 0.14, 0.18, 0.32
HSL	13°, 16%, 62%
HSV	13°, 18%, 68%
XYZ	32.6282, 31.9871, 29.6585
YIQ	154.6770, 17.1470, 3.1230

Conversions

Conversions Part 2

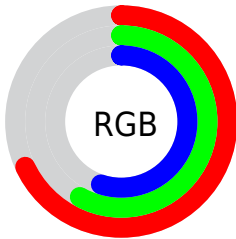
Format	Color
R _Y B	173, 150, 141
Decimal	11375757
CIE Lab	63.33, 8.15, 7.13
CIE LCh	63, 10.829, 41.203
Yxy	31.9871, 0.3461, 0.3393
Android (android.graphics.Color)	4289565837 (0xFFAD948D)
YUV	154.6770, -6.7428, 16.0693
Hunter-Lab	56.5571, 4.0028, 8.4983

Details

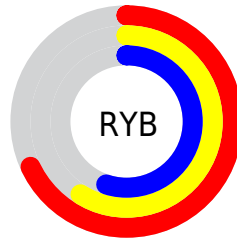
The Yxy color **31.9871, 0.3461, 0.3393** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.9452, 0.2849, 0.3185**, and the grayscale version is **32.6530, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.8392, 0.3392, 0.3369**, and **13.2978, 0.3572, 0.3415** is the 20% darker color. If you saturate the color by 10%, you get **27.5186, 0.3694, 0.3453**, and if you desaturate by 10%, it is **37.0336, 0.3266, 0.3336**.

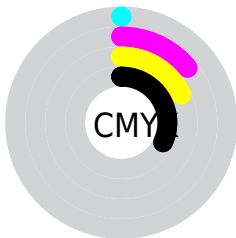
Distribution



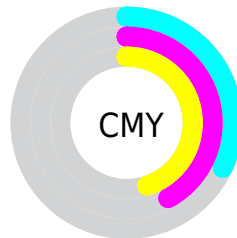
- Red (68%)
- Green (58%)
- Blue (55%)



- Red (68%)
- Yellow (59%)
- Blue (55%)



- Cyan (0%)
- Magenta (14%)
- Yellow (18%)
- Black (32%)



- Cyan (32%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.9871, 0.3461, 0.3393 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 31.9871, 0.3461, 0.3393 by changing the saturation by 10% instead.


 31.9871, 0.3461,
0.3393

 31.9871, 0.3461,
0.3393


311.0605, 0.3283,
0.3340

 21.3516, 0.3510,
0.3406


 62.7909, 0.3393,
0.3374

 13.3813, 0.3575,
0.3424


 83.7280, 0.3369,
0.3366

 7.6916, 0.3667,
0.3447


 108.8677, 0.3348,
0.3360

 3.8983, 0.3807,
0.3479

138.5946, 0.3331,
0.3355

 1.6168, 0.4042,
0.3526

173.2929, 0.3316,
0.3351

 0.3689, 0.5983,
0.4017

213.3470, 0.3303,

 0.0000, 0.0000,

0.3347

0.0000

259.1414, 0.3292,
0.3343

■ 31.9871, 0.3461,
0.3393

■ 31.9871, 0.3461,
0.3393

■ 27.5186, 0.3694,
0.3453

■ 37.0336, 0.3266,
0.3336

■ 23.6033, 0.3972,
0.3513

■ 42.6736, 0.3104,
0.3282

■ 20.2205, 0.4296,
0.3569

■ 48.9269, 0.2970,
0.3233

■ 17.3470, 0.4664,
0.3613

■ 55.8116, 0.2857,
0.3188

■ 14.9575, 0.5062,
0.3638

■ 63.3447, 0.2763,
0.3147

■ 13.0247, 0.5459,
0.3633

■ 71.5427, 0.2683,
0.3110

■ 11.5181, 0.5816,
0.3592

■ 79.9557, 0.2649,
0.3152

■ 10.4000, 0.6095,
0.3521

■ 87.6217, 0.2666,
0.3289

■ 10.2596, 0.6133,
0.3512

Harmonies

Analogous

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



31.9871, 0.3381, 0.3246



31.9871, 0.3461, 0.3393



31.9871, 0.3448, 0.3519

Triad

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



31.9871, 0.3461, 0.3393



31.9871, 0.3017, 0.3478



31.9871, 0.2907, 0.3002

Complementary

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



31.9871, 0.3461, 0.3393



35.9452, 0.2849, 0.3185

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.



31.9871, 0.2815, 0.3054



31.9871, 0.3461, 0.3393



31.9871, 0.2878, 0.3328

Square

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



31.9871, 0.3461, 0.3393



31.9871, 0.3189, 0.3574



31.9871, 0.2805, 0.3172



31.9871, 0.3058, 0.3024

Rectangle

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



31.9871, 0.3461, 0.3393



31.9871, 0.3389, 0.3573



31.9871, 0.2805, 0.3172



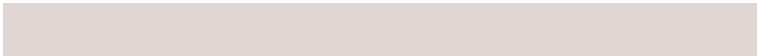
31.9871, 0.2868, 0.3011

Sweetspot

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



31.9885, 0.3461, 0.3393



68.6455, 0.3225, 0.3323



30.6905, 0.3217, 0.2934



14.7860, 0.3236, 0.3326



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.



31.9885, 0.3461, 0.3393



54.0582, 0.3547, 0.3416



37.3279, 0.3421, 0.3618



8.2891, 0.3281, 0.3340



7.6111, 0.6116, 0.3526



0.2906, 0.5556, 0.3970

Inverse Universe

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



35.9452, 0.2849, 0.3185



62.4080, 0.2792, 0.3160



30.5152, 0.2836, 0.2939



8.7700, 0.2986, 0.3239



15.0587, 0.2050, 0.2581



0.4919, 0.2117, 0.2819

Previews

White Background



This preview shows how the Yxy color 31.9871, 0.3461, 0.3393 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 31.9871, 0.3461, 0.3393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

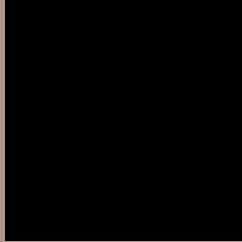
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.9871, 0.3461, 0.3393

Background



This preview shows how black text looks on a background with the Yxy color 31.9871, 0.3461, 0.3393.



This preview shows how white text looks on a background with the Yxy color 31.9871, 0.3461, 0.3393.

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

31.9871, 0.3461, 0.3393

Protanopia

32.1670, 0.3273, 0.3427

Deuteranopia

31.9871, 0.3461, 0.3393



Tritanopia

32.1060, 0.3323, 0.3134

Trichromacy



Original Color

31.9871, 0.3461, 0.3393

Protanomaly

32.0089, 0.3339, 0.3410

Deuteranomaly

31.9871, 0.3461, 0.3393

Tritanomaly

32.1005, 0.3372, 0.3233

Monochromacy



Original Color

31.9871, 0.3461, 0.3393

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

32.3399, 0.3248, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9871, 0.3461, 0.3393 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(173, 148, 141)` looks like.

```
.text, #text, p{  
    color:rgb(173, 148, 141)  
}
```

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(173, 148, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 148, 141) }
```

Border

The CSS property to change the border of an element to Yxy 31.9871, 0.3461, 0.3393 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(173, 148, 141) }
```

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

```
.border{ border-color:rgb(173, 148, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 148, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 148, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 148, 141);  
box-shadow:4px 4px 4px 4px rgb(173, 148,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9871, 0.3461, 0.3393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 148, 141) }
```

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

```
.background{ background-color: rgb(173,  
148, 141) }
```

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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