

Converting Colors

Yxy(31.1344, 0.3394, 0.3383)

Have a look what the booklet for
Yxy(31.1344, 0.3394, 0.3383)
contains.

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Color

Yxy(31.0060, 0.3399, 0.3380)

Conversions

Conversions Part 1

Format	Color
Hex	A7938D
RGB	167, 147, 141
RGB Percent	65%, 58%, 55%
CMY	0.3451, 0.4235, 0.4470
CMYK	0.00, 0.12, 0.16, 0.35
HSL	14°, 13%, 60%
HSV	14°, 16%, 65%
XYZ	31.1803, 31.0060, 29.5474
YIQ	152.2960, 13.8460, 2.3740

Conversions

Conversions Part 2

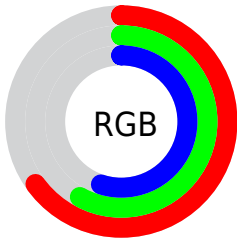
Format	Color
R _Y B	167, 149, 141
Decimal	10982285
CIE Lab	62.51, 6.42, 5.88
CIE LCh	63, 8.710, 42.486
Yxy	31.0060, 0.3399, 0.3380
Android (android.graphics.Color)	4289172365 (0xFFA7938D)
YUV	152.2960, -5.5689, 12.8954
Hunter-Lab	55.6830, 2.5076, 7.5167

Details

The Yxy color **31.0060, 0.3399, 0.3380** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.9547, 0.2893, 0.3198**, and the grayscale version is **31.5555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.2430, 0.3338, 0.3359**, and **12.7659, 0.3497, 0.3397** is the 20% darker color. If you saturate the color by 10%, you get **26.7691, 0.3619, 0.3442**, and if you desaturate by 10%, it is **35.7677, 0.3216, 0.3321**.

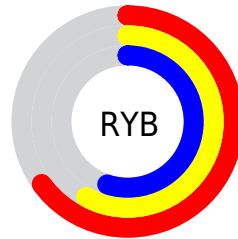
Distribution



Red (65%)

Green (58%)

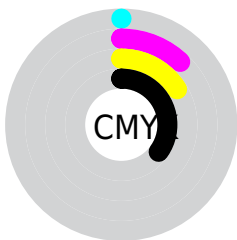
Blue (55%)



Red (65%)

Yellow (58%)

Blue (55%)

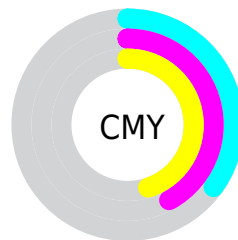


Cyan (0%)

Magenta (12%)

Yellow (16%)

Black (35%)



Cyan (35%)


Magenta (42%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.0060, 0.3399, 0.3380 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 31.0060, 0.3399, 0.3380 by changing the saturation by 10% instead.


 31.0060, 0.3399,
0.3380


 31.0060, 0.3399,
0.3380


306.5660, 0.3253,
0.3333

 20.6034, 0.3439,
0.3392


 61.2495, 0.3343,
0.3363

 12.8344, 0.3493,
0.3408


 81.8592, 0.3323,
0.3356

 7.3146, 0.3570,
0.3430


 106.6401, 0.3307,
0.3351

 3.6596, 0.3686,
0.3461

135.9766, 0.3293,
0.3346

 1.4850, 0.3885,
0.3508

170.2530, 0.3281,
0.3342

 0.2782, 0.6022,
0.3978

209.8538, 0.3270,

 0.0000, 0.0000,

0.3339

0.0000

255.1633, 0.3261,
0.3336

■ 31.0060, 0.3399,
0.3380

■ 31.0060, 0.3399,
0.3380

■ 26.7691, 0.3619,
0.3442

■ 35.7677, 0.3216,
0.3321

■ 23.0348, 0.3880,
0.3505

■ 41.0671, 0.3063,
0.3266

■ 19.7854, 0.4187,
0.3566

■ 46.9218, 0.2935,
0.3216

■ 17.0008, 0.4537,
0.3617

■ 53.3476, 0.2828,
0.3170

■ 14.6592, 0.4922,
0.3651

■ 60.3594, 0.2738,
0.3128

■ 12.7370, 0.5318,
0.3658

■ 67.9716, 0.2662,
0.3090

■ 11.2085, 0.5688,
0.3629

■ 76.0082, 0.2611,
0.3088

■ 10.0442, 0.5990,
0.3563

■ 83.7232, 0.2630,
0.3232

■ 9.6304, 0.6107,
0.3533

■ 86.9566, 0.2638,
0.3289

Harmonies

Analogous

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



31.0060, 0.3338, 0.3259



31.0060, 0.3399, 0.3380



31.0060, 0.3386, 0.3480

Triad

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



31.0060, 0.3399, 0.3380



31.0060, 0.3033, 0.3438



31.0060, 0.2952, 0.3055

Complementary

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



31.0060, 0.3399, 0.3380



33.9547, 0.2893, 0.3198

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.



31.0060, 0.2874, 0.3096



31.0060, 0.3399, 0.3380



31.0060, 0.2920, 0.3316

Square

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



31.0060, 0.3399, 0.3380



31.0060, 0.3172, 0.3518



31.0060, 0.2863, 0.3190



31.0060, 0.3078, 0.3075

Rectangle

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



31.0060, 0.3399, 0.3380



31.0060, 0.3336, 0.3522



31.0060, 0.2863, 0.3190



31.0060, 0.2920, 0.3062

Sweetspot

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



31.0074, 0.3399, 0.3380



64.4755, 0.3208, 0.3318



29.8584, 0.3201, 0.2993



14.2921, 0.3219, 0.3322



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



31.0074, 0.3399, 0.3380



52.5471, 0.3477, 0.3403



35.1592, 0.3371, 0.3564



7.8121, 0.3280, 0.3343



7.4325, 0.6091, 0.3546



0.2549, 0.5489, 0.4024

Inverse Universe

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



33.9547, 0.2893, 0.3198



58.9350, 0.2837, 0.3174



29.7548, 0.2885, 0.3000



8.2350, 0.2987, 0.3237



14.1398, 0.2040, 0.2544



0.4139, 0.2116, 0.2818

Previews

White Background



This preview shows how the Yxy color 31.0060, 0.3399, 0.3380 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 31.0060, 0.3399, 0.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

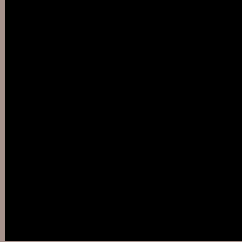
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.0060, 0.3399, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 31.0060, 0.3399, 0.3380.



This preview shows how white text looks on a background with the Yxy color 31.0060, 0.3399, 0.3380.

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

31.0060, 0.3399, 0.3380

Protanopia

31.1843, 0.3255, 0.3413

Deuteranopia

31.0269, 0.3434, 0.3365



Tritanopia

31.0861, 0.3271, 0.3130

Trichromacy



Original Color

31.0060, 0.3399, 0.3380

Protanomaly

31.2393, 0.3308, 0.3412

Deuteranomaly

30.9159, 0.3423, 0.3365

Tritanomaly

31.1170, 0.3310, 0.3217

Monochromacy



Original Color

31.0060, 0.3399, 0.3380

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.1189, 0.3218, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0060, 0.3399, 0.3380 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(167, 147, 141)` looks like.

```
.text, #text, p{  
    color:rgb(167, 147, 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(167, 147, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 147, 141) }
```

Border

The CSS property to change the border of an element to Yxy 31.0060, 0.3399, 0.3380 is called "border". The border property can be set on classes, ids or directly on the HTML element.

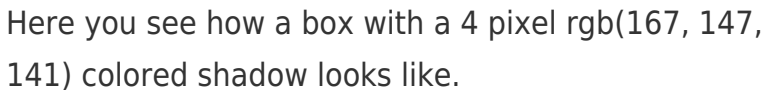
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 147, 141) }
```

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

```
.border{ border-color:rgb(167, 147, 141) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 147, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 147, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 147, 141); box-shadow:4px 4px 4px 4px rgb(167, 147, 141) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0060, 0.3399, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 147, 141) }
```

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

```
.background{ background-color: rgb(167,  
147, 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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