

Converting Colors

$Yxy(31.1065, 0.3288, 0.3437)$

Have a look what the booklet for
Yxy(31.1065, 0.3288, 0.3437)
contains.

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Color

Yxy(31.2244, 0.3285, 0.3444)

Conversions

Conversions Part 1

Format	Color
Hex	9D978D
RGB	157, 151, 141
RGB Percent	62%, 59%, 55%
CMY	0.3842, 0.4079, 0.4471
CMYK	0.00, 0.04, 0.10, 0.38
HSL	37°, 8%, 58%
HSV	37°, 10%, 62%
XYZ	29.7829, 31.2244, 29.6559
YIQ	151.6540, 6.7860, -1.8380

Conversions

Conversions Part 2

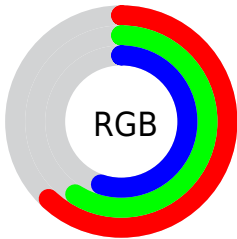
Format	Color
RYB	151, 157, 141
Decimal	10327949
CIELab	62.70, 0.40, 6.04
CIELCh	63, 6.055, 86.216
Yxy	31.2244, 0.3285, 0.3444
Android (android.graphics.Color)	4288518029 (0xFF9D978D)
YUV	151.6540, -5.2524, 4.6884
Hunter-Lab	55.8788, -2.6491, 7.6488

Details

The Yxy color **31.2244, 0.3285, 0.3444** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.9755, 0.2973, 0.3131**, and the grayscale version is **31.2655, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.5998, 0.3253, 0.3406**, and **12.9338, 0.3343, 0.3490** is the 20% darker color. If you saturate the color by 10%, you get **28.9361, 0.3457, 0.3602**, and if you desaturate by 10%, it is **33.6771, 0.3130, 0.3293**.

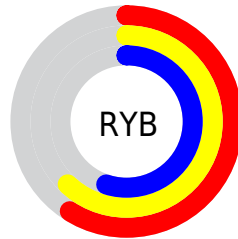
Distribution



Red (62%)

Green (59%)

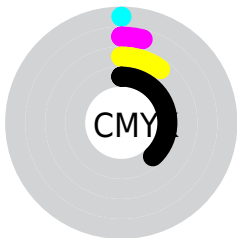
Blue (55%)



Red (59%)

Yellow (62%)

Blue (55%)

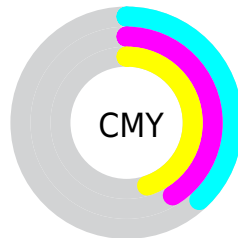


Cyan (0%)

Magenta (4%)

Yellow (10%)

Black (38%)



Cyan (38%)


Magenta (41%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.2244, 0.3285, 0.3444 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 31.2244, 0.3285, 0.3444 by changing the saturation by 10% instead.


 31.2244, 0.3285,
0.3444


 31.2244, 0.3285,
0.3444


307.5708, 0.3201,
0.3362

 20.7698, 0.3308,
0.3466


 61.5932, 0.3253,
0.3413

 12.9558, 0.3339,
0.3496


 82.2762, 0.3241,
0.3402

 7.3981, 0.3382,
0.3538


 107.1374, 0.3232,
0.3392

 3.7123, 0.3448,
0.3602

136.5612, 0.3224,
0.3384

 1.5140, 0.3559,
0.3709

170.9321, 0.3217,
0.3378

 0.2985, 0.4958,
0.5042

210.6344, 0.3211,

 0.0000, 0.0000,

0.3372

0.0000

256.0525, 0.3205,
0.3367

■ 31.2244, 0.3285,
0.3444

■ 31.2244, 0.3285,
0.3444

■ 28.9361, 0.3457,
0.3602

■ 33.6771, 0.3130,
0.3293

■ 26.8039, 0.3646,
0.3764

■ 36.2941, 0.2992,
0.3151

■ 24.8248, 0.3850,
0.3925

■ 39.0806, 0.2869,
0.3019

■ 22.9942, 0.4066,
0.4077

■ 42.0401, 0.2760,
0.2897

■ 21.3071, 0.4286,
0.4212

■ 45.1761, 0.2663,
0.2785

■ 19.7581, 0.4504,
0.4318

■ 48.4922, 0.2578,
0.2683

■ 18.3412, 0.4707,
0.4384

■ 51.9915, 0.2502,
0.2589

■ 17.0496, 0.4885,
0.4402

■ 54.9059, 0.2492,
0.2620

■ 15.8925, 0.5038,
0.4382

■ 57.6658, 0.2502,
0.2692

Harmonies

Analogous

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



31.2244, 0.3318, 0.3388



31.2244, 0.3285, 0.3444



31.2244, 0.3210, 0.3459

Triad

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



31.2244, 0.3285, 0.3444



31.2244, 0.2959, 0.3268



31.2244, 0.3138, 0.3159

Complementary

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



31.2244, 0.3285, 0.3444



28.9755, 0.2973, 0.3131

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.



31.2244, 0.3043, 0.3127



31.2244, 0.3285, 0.3444



31.2244, 0.2941, 0.3188

Square

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



31.2244, 0.3285, 0.3444



31.2244, 0.3022, 0.3356



31.2244, 0.2971, 0.3137



31.2244, 0.3232, 0.3225

Rectangle

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



31.2244, 0.3285, 0.3444



31.2244, 0.3147, 0.3442



31.2244, 0.2971, 0.3137



31.2244, 0.3105, 0.3144

Sweetspot

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



31.2258, 0.3285, 0.3444



59.0078, 0.3173, 0.3335



28.3317, 0.3238, 0.3195



12.9088, 0.3184, 0.3347



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.



31.2258, 0.3285, 0.3444



55.0476, 0.3318, 0.3476



33.0308, 0.3256, 0.3536



7.3004, 0.3269, 0.3429



12.9754, 0.5029, 0.4389



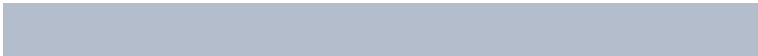
0.3112, 0.4624, 0.4711

Inverse Universe

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



28.9755, 0.2973, 0.3131



50.2862, 0.2941, 0.3097



27.3130, 0.2991, 0.3035



6.8240, 0.2988, 0.3147



4.5920, 0.1675, 0.1231



0.1604, 0.1892, 0.2011

Previews

White Background



This preview shows how the Yxy color 31.2244, 0.3285, 0.3444 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 31.2244, 0.3285, 0.3444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

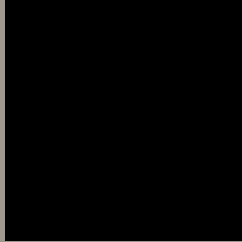
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

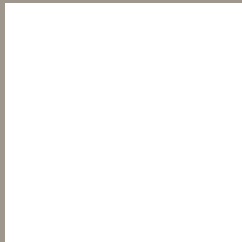
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.2244, 0.3285, 0.3444

Background



This preview shows how black text looks on a background with the Yxy color 31.2244, 0.3285, 0.3444.

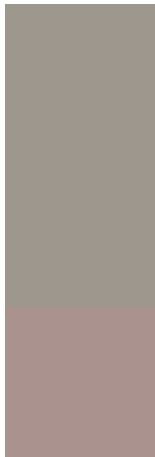


This preview shows how white text looks on a background with the Yxy color 31.2244, 0.3285, 0.3444.

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

31.2244, 0.3285, 0.3444

Protanopia

31.2244, 0.3285, 0.3444

Deuteranopia

31.0568, 0.3424, 0.3350



Tritanopia

31.1915, 0.3136, 0.3112

Trichromacy



Original Color

31.2244, 0.3285, 0.3444

Protanomaly

31.2244, 0.3285, 0.3444

Deuteranomaly

31.1321, 0.3365, 0.3381

Tritanomaly

31.1657, 0.3192, 0.3230

Monochromacy



Original Color

31.2244, 0.3285, 0.3444

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.4646, 0.3185, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.2244, 0.3285, 0.3444 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(157, 151, 141)` looks like.

```
.text, #text, p{  
    color:rgb(157, 151, 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(157, 151, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 151, 141) }
```

Border

The CSS property to change the border of an element to Yxy 31.2244, 0.3285, 0.3444 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(157, 151, 141) }
```

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

```
.border{ border-color:rgb(157, 151, 141) }
```

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

Here you see how a box with a 4 pixel rgb(157, 151, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 151, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 151, 141);  
box-shadow:4px 4px 4px 4px rgb(157, 151,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 31.2244, 0.3285, 0.3444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 151, 141) }
```

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

```
.background{ background-color: rgb(157,  
151, 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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