

Converting Colors

Yxy(31.3748, 0.3265, 0.3420)

Have a look what the booklet for
Yxy(31.3748, 0.3265, 0.3420)
contains.

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Color

Yxy(31.2845, 0.3265, 0.3413)

Conversions

Conversions Part 1

Format	Color
Hex	9D978F
RGB	157, 151, 143
RGB Percent	62%, 59%, 56%
CMY	0.3844, 0.4078, 0.4392
CMYK	0.00, 0.04, 0.09, 0.38
HSL	34°, 7%, 59%
HSV	34°, 9%, 62%
XYZ	29.9279, 31.2845, 30.4504
YIQ	151.8820, 6.1440, -1.2160

Conversions

Conversions Part 2

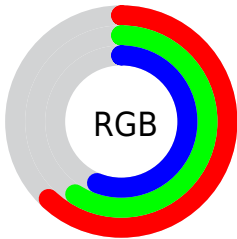
Format	Color
RYB	154, 157, 143
Decimal	10327951
CIELab	62.75, 0.73, 4.98
CIELCh	63, 5.034, 81.634
Yxy	31.2845, 0.3265, 0.3413
Android (android.graphics.Color)	4288518031 (0xFF9D978F)
YUV	151.8820, -4.3788, 4.4885
Hunter-Lab	55.9325, -2.3718, 6.8746

Details

The Yxy color **31.2845, 0.3265, 0.3413** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.7660, 0.2993, 0.3164**, and the grayscale version is **31.3633, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.6909, 0.3239, 0.3383**, and **12.9688, 0.3314, 0.3445** is the 20% darker color. If you saturate the color by 10%, you get **28.7418, 0.3438, 0.3558**, and if you desaturate by 10%, it is **34.0197, 0.3111, 0.3275**.

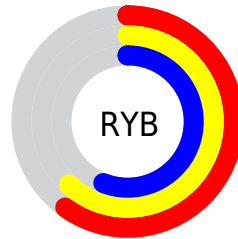
Distribution



Red (62%)

Green (59%)

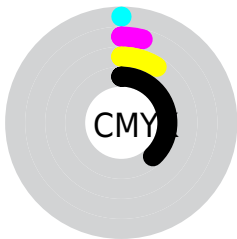
Blue (56%)



Red (60%)

Yellow (62%)

Blue (56%)

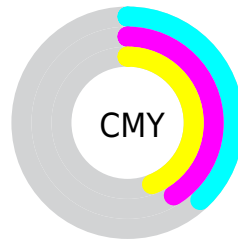


Cyan (0%)

Magenta (4%)

Yellow (9%)

Black (38%)



Cyan (38%)

Magenta (41%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.2845, 0.3265, 0.3413 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 31.2845, 0.3265, 0.3413 by changing the saturation by 10% instead.


 31.2845, 0.3265,
0.3413


 31.2845, 0.3265,
0.3413


307.8469, 0.3191,
0.3348

 20.8156, 0.3285,
0.3431


 61.6877, 0.3237,
0.3388

 12.9893, 0.3312,
0.3455


 82.3908, 0.3227,
0.3379

 7.4212, 0.3350,
0.3488


107.2741, 0.3219,
0.3372

 3.7269, 0.3408,
0.3539

136.7219, 0.3211,
0.3365

 1.5220, 0.3505,
0.3623

171.1187, 0.3205,
0.3360

 0.3041, 0.5023,
0.4977

210.8489, 0.3200,

 0.0000, 0.0000,

0.3355

0.0000

256.2968, 0.3195,
0.3351

■ 31.2845, 0.3265,
0.3413

■ 31.2845, 0.3265,
0.3413

■ 28.7418, 0.3438,
0.3558

■ 34.0197, 0.3111,
0.3275

■ 26.3828, 0.3630,
0.3707

■ 36.9479, 0.2975,
0.3146

■ 24.2038, 0.3841,
0.3857

■ 40.0749, 0.2855,
0.3027

■ 22.1994, 0.4068,
0.3999

■ 43.4049, 0.2749,
0.2917

■ 20.3641, 0.4306,
0.4126

■ 46.9419, 0.2656,
0.2816

■ 18.6917, 0.4546,
0.4226

■ 50.6899, 0.2574,
0.2723

■ 17.1756, 0.4775,
0.4288

■ 54.6528, 0.2502,
0.2639

■ 15.8082, 0.4982,
0.4302

■ 57.9271, 0.2503,
0.2699

■ 14.5768, 0.5162,
0.4271

■ 61.2048, 0.2516,
0.2781

Harmonies

Analogous

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



31.2845, 0.3286, 0.3363



31.2845, 0.3265, 0.3413



31.2845, 0.3207, 0.3430

Triad

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



31.2845, 0.3265, 0.3413



31.2845, 0.2993, 0.3283



31.2845, 0.3124, 0.3175

Complementary

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



31.2845, 0.3265, 0.3413



29.7660, 0.2993, 0.3164

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.



31.2845, 0.3046, 0.3153



31.2845, 0.3265, 0.3413



31.2845, 0.2972, 0.3214

Square

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



31.2845, 0.3265, 0.3413



31.2845, 0.3051, 0.3355



31.2845, 0.2991, 0.3167



31.2845, 0.3204, 0.3226

Rectangle

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



31.2845, 0.3265, 0.3413



31.2845, 0.3156, 0.3421



31.2845, 0.2991, 0.3167



31.2845, 0.3097, 0.3164

Sweetspot

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



31.2859, 0.3265, 0.3413



58.8604, 0.3173, 0.3332



28.9863, 0.3216, 0.3197



12.8683, 0.3185, 0.3342



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.



31.2859, 0.3265, 0.3413



54.9579, 0.3303, 0.3446



33.1673, 0.3246, 0.3503



7.2444, 0.3271, 0.3418



11.8113, 0.5172, 0.4275



0.2941, 0.4697, 0.4653

Inverse Universe

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



29.7660, 0.2993, 0.3164



51.5833, 0.2957, 0.3129



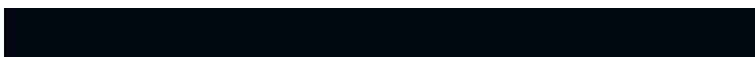
28.0051, 0.3002, 0.3069



6.8786, 0.2988, 0.3159



5.3253, 0.1717, 0.1382



0.1775, 0.1930, 0.2149

Previews

White Background



This preview shows how the Yxy color 31.2845, 0.3265, 0.3413 looks on a white background.

Color Contrast Check

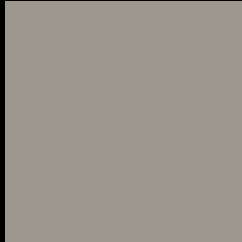
Large Text (above 18pt) WCAG AA × Fail

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 31.2845, 0.3265, 0.3413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

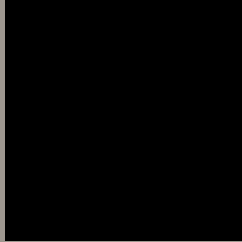
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

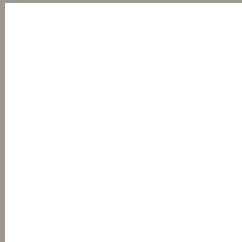
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.2845, 0.3265, 0.3413

Background



This preview shows how black text looks on a background with the Yxy color 31.2845, 0.3265, 0.3413.



This preview shows how white text looks on a background with the Yxy color 31.2845, 0.3265, 0.3413.

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

31.2845, 0.3265, 0.3413

Protanopia

31.1843, 0.3255, 0.3413

Deuteranopia

31.3161, 0.3390, 0.3335



Tritanopia

31.0888, 0.3125, 0.3111

Trichromacy



Original Color

31.2845, 0.3265, 0.3413

Protanomaly

31.1843, 0.3255, 0.3413

Deuteranomaly

31.1928, 0.3345, 0.3351

Tritanomaly

31.0971, 0.3172, 0.3215

Monochromacy



Original Color

31.2845, 0.3265, 0.3413

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.4964, 0.3175, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.2845, 0.3265, 0.3413 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, 143)` looks like.

```
.text, #text, p{  
    color:rgb(157, 151, 143)  
}
```

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, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 151, 143) }
```

Border

The CSS property to change the border of an element to Yxy 31.2845, 0.3265, 0.3413 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, 143) }
```

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

```
.border{ border-color:rgb(157, 151, 143) }
```

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, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 151, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 151, 143);  
box-shadow:4px 4px 4px 4px rgb(157, 151,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 31.2845, 0.3265, 0.3413 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, 143) }
```

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

```
.background{ background-color: rgb(157,  
151, 143) }
```

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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