

Converting Colors

Yxy(31.0960, 0.3030, 0.3348)

Have a look what the booklet for
Yxy(31.0960, 0.3030, 0.3348)
contains.

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Color

Yxy(31.0083, 0.3027, 0.3337)

Conversions

Conversions Part 1	
Format	Color
Hex	8D9A97
RGB	141, 154, 151
RGB Percent	55%, 60%, 59%
CMY	0.4470, 0.3961, 0.4078
CMYK	0.08, 0.00, 0.02, 0.40
HSL	166°, 6%, 58%
HSV	166°, 8%, 60%
XYZ	28.1277, 31.0083, 33.7867
YIQ	149.7710, -6.7850, -3.6890

Conversions

Conversions Part 2

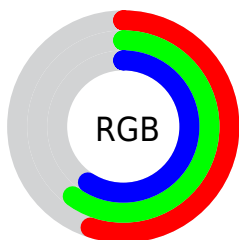
Format	Color
RYB	141, 148, 154
Decimal	9280151
CIELab	62.51, -5.23, -0.03
CIELCh	63, 5.228, 180.350
Yxy	31.0083, 0.3027, 0.3337
Android (android.graphics.Color)	4287470231 (0xFF8D9A97)
YUV	149.7710, 0.6059, -7.6922
Hunter-Lab	55.6851, -7.2849, 3.0056

Details

The Yxy color **31.0083, 0.3027, 0.3337** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.9354, 0.3238, 0.3244**, and the grayscale version is **30.3981, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.1216, 0.3051, 0.3325**, and **12.8447, 0.2998, 0.3359** is the 20% darker color. If you saturate the color by 10%, you get **29.6388, 0.2913, 0.3398**, and if you desaturate by 10%, it is **32.5716, 0.3146, 0.3282**.

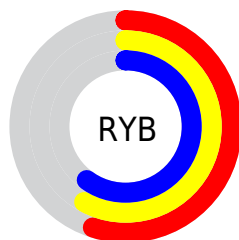
Distribution



Red (55%)

Green (60%)

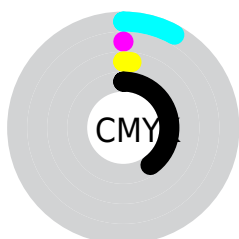
Blue (59%)



Red (55%)

Yellow (58%)

Blue (60%)

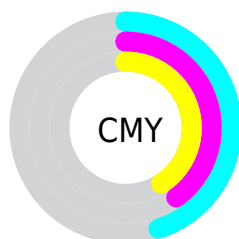


Cyan (8%)

Magenta (0%)

Yellow (2%)

Black (40%)



Cyan (45%)


Magenta (40%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.0083, 0.3027, 0.3337 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 31.0083, 0.3027, 0.3337 by changing the saturation by 10% instead.


 31.0083, 0.3027,
0.3337


 31.0083, 0.3027,
0.3337


306.5766, 0.3081,
0.3312

 20.6052, 0.3012,
0.3344


 61.2531, 0.3047,
0.3328

 12.8357, 0.2993,
0.3353


 81.8636, 0.3055,
0.3324

 7.3155, 0.2965,
0.3366


 106.6454, 0.3061,
0.3321

 3.6602, 0.2923,
0.3385

135.9828, 0.3066,
0.3319

 1.4854, 0.2852,
0.3419

170.2602, 0.3070,
0.3317

 0.2784, 0.1901,
0.3863


209.8620, 0.3074,


 0.0000, 0.0000,


0.3315


0.0000

255.1727, 0.3078,
0.3313


 31.0083, 0.3027,
0.3337


 31.0083, 0.3027,
0.3337


 29.6388, 0.2913,
0.3398


 32.5716, 0.3146,
0.3282

 28.4514, 0.2805,
0.3464


 34.3321, 0.3267,
0.3232


 27.4392, 0.2708,
0.3535


 36.2979, 0.3389,
0.3188

 26.5933, 0.2623,
0.3611


 38.4757, 0.3509,
0.3148

 25.9039, 0.2554,
0.3690


 40.8717, 0.3627,
0.3114

 25.3605, 0.2502,
0.3772


 43.4918, 0.3741,
0.3084

 24.9508, 0.2468,
0.3855

 46.3420, 0.3852,
0.3058

 24.6608, 0.2453,
0.3939

 47.6393, 0.3873,
0.3026

 24.4628, 0.2454,
0.4022

 47.7847, 0.3837,
0.2990

Harmonies

Analogous

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



31.0083, 0.3104, 0.3401



31.0083, 0.3027, 0.3337



31.0083, 0.2977, 0.3261

Triad

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



31.0083, 0.3027, 0.3337



31.0083, 0.3065, 0.3150



31.0083, 0.3290, 0.3384

Complementary

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



31.0083, 0.3027, 0.3337



27.9354, 0.3238, 0.3244

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.



31.0083, 0.3280, 0.3316



31.0083, 0.3027, 0.3337



31.0083, 0.3149, 0.3183

Square

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



31.0083, 0.3027, 0.3337



31.0083, 0.2999, 0.3154



31.0083, 0.3228, 0.3243



31.0083, 0.3257, 0.3427

Rectangle

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



31.0083, 0.3027, 0.3337



31.0083, 0.2965, 0.3214



31.0083, 0.3228, 0.3243



31.0083, 0.3292, 0.3363

Sweetspot

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



31.0096, 0.3027, 0.3337



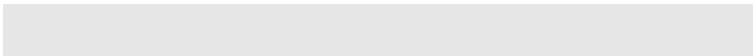
57.8127, 0.3091, 0.3307



30.9675, 0.3148, 0.3497



13.0358, 0.3081, 0.3311



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.



31.0096, 0.3027, 0.3337



55.8671, 0.3006, 0.3347



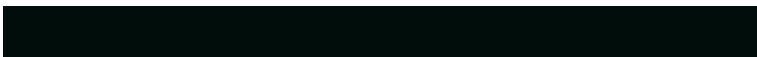
29.9806, 0.3001, 0.3235



7.0023, 0.3018, 0.3342



19.9125, 0.2452, 0.4028



0.3030, 0.2350, 0.3661

Inverse Universe

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



27.9354, 0.3238, 0.3244



49.1943, 0.3263, 0.3233



28.8833, 0.3263, 0.3345



6.2448, 0.3249, 0.3239



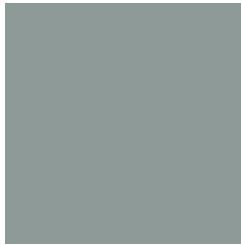
5.7027, 0.5940, 0.3046



0.0901, 0.4947, 0.2499

Previews

White Background



This preview shows how the Yxy color 31.0083, 0.3027, 0.3337 looks on a white background.

Color Contrast Check

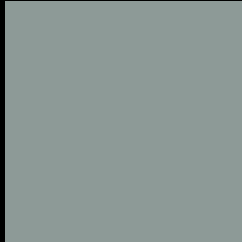
Large Text (above 18pt) WCAG AA × Fail

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 31.0083, 0.3027, 0.3337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

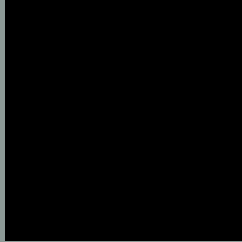
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

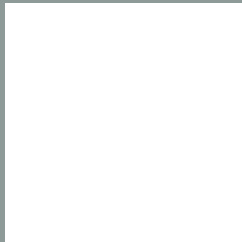
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.0083, 0.3027, 0.3337

Background



This preview shows how black text looks on a background with the Yxy color 31.0083, 0.3027, 0.3337.

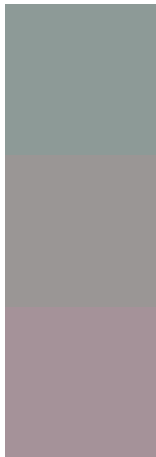


This preview shows how white text looks on a background with the Yxy color 31.0083, 0.3027, 0.3337.

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

31.0083, 0.3027, 0.3337

Protanopia

30.8526, 0.3178, 0.3306

Deuteranopia

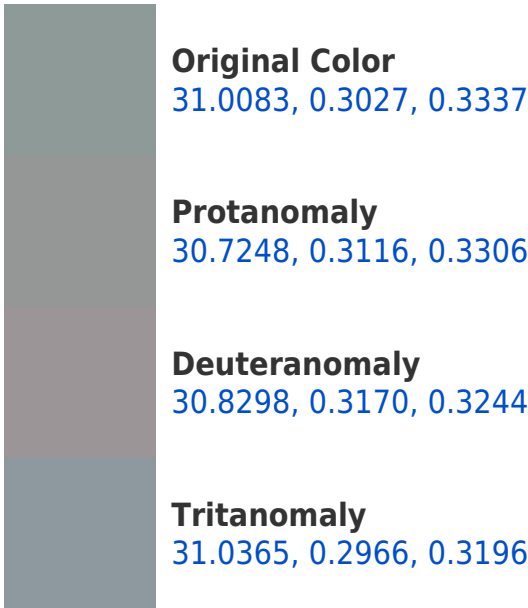
30.8570, 0.3258, 0.3187



Tritanopia

30.9764, 0.2932, 0.3104

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0083, 0.3027, 0.3337 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(141, 154, 151) looks like.

```
.text, #text, p{  
    color:rgb(141, 154, 151)  
}
```

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(141, 154, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 154, 151) }
```

Border

The CSS property to change the border of an element to Yxy 31.0083, 0.3027, 0.3337 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(141, 154, 151) }
```

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

```
.border{ border-color:rgb(141, 154, 151) }
```

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

Here you see how a box with a 4 pixel rgb(141, 154, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 154, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 154, 151);  
box-shadow:4px 4px 4px 4px rgb(141, 154,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0083, 0.3027, 0.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 154, 151) }
```

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

```
.background{ background-color: rgb(141,  
154, 151) }
```

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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