

Converting Colors

$Yxy(31.0815, 0.3339, 0.3964)$

Have a look what the booklet for
Yxy(31.0815, 0.3339, 0.3964)
contains.

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Color

Yxy(31.0376, 0.3343, 0.3961)

Conversions

Conversions Part 1

Format	Color
Hex	8D9D74
RGB	141, 157, 116
RGB Percent	55%, 62%, 45%
CMY	0.4470, 0.3843, 0.5452
CMYK	0.10, 0.00, 0.26, 0.38
HSL	83°, 17%, 54%
HSV	83°, 26%, 62%
XYZ	26.1951, 31.0376, 21.1253
YIQ	147.5420, 3.6250, -16.1430

Conversions

Conversions Part 2

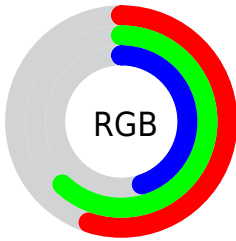
Format	Color
RYB	116, 157, 132
Decimal	9280884
CIELab	62.54, -13.15, 19.63
CIELCh	63, 23.626, 123.812
Yxy	31.0376, 0.3343, 0.3961
Android (android.graphics.Color)	4287470964 (0xFF8D9D74)
YUV	147.5420, -15.5502, -5.7373
Hunter-Lab	55.7114, -13.5656, 16.5157

Details

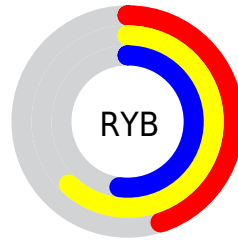
The Yxy color $31.0376, 0.3343, 0.3961$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $19.8215, 0.2865, 0.2600$, and the grayscale version is $29.4796, 0.3127, 0.3290$.

A 20% lighter version of the original color is $61.5162, 0.3304, 0.3827$, and $12.8870, 0.3402, 0.4222$ is the 20% darker color. If you saturate the color by 10%, you get $30.1825, 0.3420, 0.4239$, and if you desaturate by 10%, it is $31.9868, 0.3261, 0.3692$.

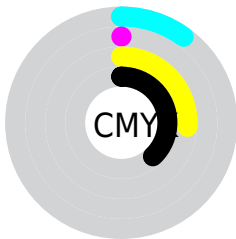
Distribution



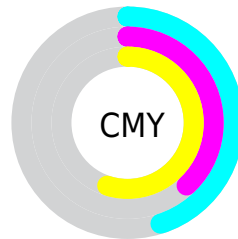
- Red (55%)
- Green (62%)
- Blue (45%)



- Red (45%)
- Yellow (62%)
- Blue (52%)



- Cyan (10%)
- Magenta (0%)
- Yellow (26%)
- Black (38%)





- Cyan (45%)
- Magenta (38%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.0376, 0.3343, 0.3961 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 31.0376, 0.3343, 0.3961 by changing the saturation by 10% instead.


 31.0376, 0.3343,
0.3961


 31.0376, 0.3343,
0.3961


306.7115, 0.3234,
0.3594

 20.6275, 0.3370,
0.4064


 61.2993, 0.3303,
0.3819

 12.8520, 0.3403,
0.4204


 81.9196, 0.3288,
0.3769

 7.3267, 0.3445,
0.4404


 106.7121, 0.3276,
0.3727

 3.6672, 0.3496,
0.4710

136.0612, 0.3265,
0.3692

 1.4892, 0.3824,
0.5648

170.3513, 0.3256,
0.3662

 0.2811, 0.0000,
1.0000

209.9668, 0.3247,

 0.0000, 0.0000,

0.3636

0.0000

255.2921, 0.3240,
0.3614

■ 31.0376, 0.3343,
0.3961

■ 31.0376, 0.3343,
0.3961

■ 30.1825, 0.3420,
0.4239

■ 31.9868, 0.3261,
0.3692

■ 29.4138, 0.3487,
0.4518

■ 33.0293, 0.3178,
0.3437

■ 28.7291, 0.3541,
0.4787

■ 34.1697, 0.3095,
0.3201

■ 28.1240, 0.3576,
0.5034

■ 35.4109, 0.3016,
0.2984

■ 27.5940, 0.3590,
0.5246

■ 36.7559, 0.2940,
0.2787

■ 27.1337, 0.3581,
0.5414

■ 38.2073, 0.2868,
0.2609

■ 26.7358, 0.3549,
0.5533

■ 39.7677, 0.2801,
0.2449

■ 26.5924, 0.3535,
0.5575

■ 41.4397, 0.2739,
0.2305

■ 43.0782, 0.2697,
0.2197

Harmonies

Analogous

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



31.0376, 0.3675, 0.3920



31.0376, 0.3343, 0.3961



31.0376, 0.2966, 0.3789

Triad

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



31.0376, 0.3343, 0.3961



31.0376, 0.2438, 0.2817



31.0376, 0.3618, 0.3111

Complementary

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



31.0376, 0.3343, 0.3961



19.8215, 0.2865, 0.2600

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.



31.0376, 0.3258, 0.2857



31.0376, 0.3343, 0.3961



31.0376, 0.2587, 0.2684

Square

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



31.0376, 0.3343, 0.3961



31.0376, 0.2458, 0.3094



31.0376, 0.2880, 0.2703



31.0376, 0.3845, 0.3416

Rectangle

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



31.0376, 0.3343, 0.3961



31.0376, 0.2741, 0.3578



31.0376, 0.2880, 0.2703



31.0376, 0.3508, 0.3018

Sweetspot

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



31.0390, 0.3343, 0.3961



58.7601, 0.3195, 0.3487



24.8503, 0.3605, 0.3545



12.8701, 0.3207, 0.3523



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.



31.0390, 0.3343, 0.3961



54.7290, 0.3386, 0.4112



29.4223, 0.3139, 0.4005



7.5913, 0.3204, 0.3515



21.6195, 0.3540, 0.5571



0.4105, 0.3811, 0.5356

Inverse Universe

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



19.8215, 0.2865, 0.2600



31.3804, 0.2797, 0.2439



21.6156, 0.3100, 0.2647



6.5550, 0.3045, 0.3063



2.8071, 0.1848, 0.0792



0.0738, 0.2310, 0.1046

Previews

White Background



This preview shows how the Yxy color 31.0376, 0.3343, 0.3961 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 31.0376, 0.3343, 0.3961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

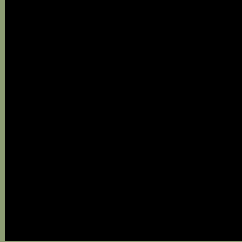
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.0376, 0.3343, 0.3961

Background



This preview shows how black text looks on a background with the Yxy color 31.0376, 0.3343, 0.3961.



This preview shows how white text looks on a background with the Yxy color 31.0376, 0.3343, 0.3961.

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

31.0376, 0.3343, 0.3961

Protanopia

31.0069, 0.3617, 0.3874

Deuteranopia

30.9059, 0.3759, 0.3685



Tritanopia

31.0735, 0.2988, 0.3106

Trichromacy



Original Color

31.0376, 0.3343, 0.3961

Protanomaly

30.8674, 0.3512, 0.3905

Deuteranomaly

30.6718, 0.3607, 0.3780

Tritanomaly

30.8775, 0.3112, 0.3401

Monochromacy



Original Color

31.0376, 0.3343, 0.3961

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.9305, 0.3208, 0.3531

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0376, 0.3343, 0.3961 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, 157, 116)` looks like.

```
.text, #text, p{  
    color:rgb(141, 157, 116)  
}
```

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, 157, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 157, 116) }
```

Border

The CSS property to change the border of an element to Yxy 31.0376, 0.3343, 0.3961 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, 157, 116) }
```

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

```
.border{ border-color:rgb(141, 157, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 157, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 157, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 157, 116); box-shadow:4px 4px 4px 4px rgb(141, 157, 116) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0376, 0.3343, 0.3961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 157, 116) }
```

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

```
.background{ background-color: rgb(141,  
157, 116) }
```

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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