

Converting Colors

$Yxy(31.7409, 0.3583, 0.3618)$

Have a look what the booklet for
Yxy(31.7409, 0.3583, 0.3618)
contains.

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Color

Yxy(31.6851, 0.3581, 0.3617)

Conversions

Conversions Part 1

Format	Color
Hex	AB957F
RGB	171, 149, 127
RGB Percent	67%, 58%, 50%
CMY	0.3295, 0.4156, 0.5019
CMYK	0.00, 0.13, 0.26, 0.33
HSL	30°, 21%, 58%
HSV	30°, 26%, 67%
XYZ	31.3697, 31.6851, 24.5457
YIQ	153.0700, 20.1740, -2.1780

Conversions

Conversions Part 2

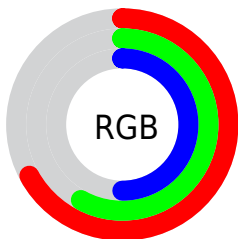
Format	Color
RYB	171, 171, 127
Decimal	11244927
CIELab	63.08, 4.67, 14.63
CIELCh	63, 15.353, 72.303
Yxy	31.6851, 0.3581, 0.3617
Android (android.graphics.Color)	4289435007 (0xFFAB957F)
YUV	153.0700, -12.8525, 15.7246
Hunter-Lab	56.2895, 0.9701, 13.5486

Details

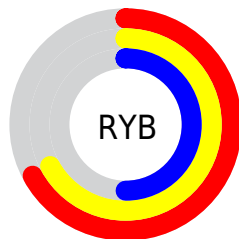
The Yxy color **31.6851, 0.3581, 0.3617** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.9412, 0.2726, 0.2939**, and the grayscale version is **31.9378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.3381, 0.3489, 0.3550**, and **13.1370, 0.3733, 0.3711** is the 20% darker color. If you saturate the color by 10%, you get **28.6727, 0.3799, 0.3750**, and if you desaturate by 10%, it is **34.9743, 0.3387, 0.3485**.

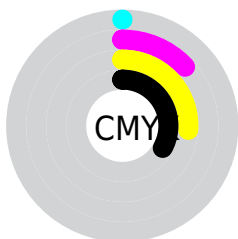
Distribution



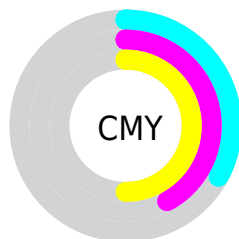
- Red (67%)
- Green (58%)
- Blue (50%)



- Red (67%)
- Yellow (67%)
- Blue (50%)



- Cyan (0%)
- Magenta (13%)
- Yellow (26%)
- Black (33%)





- Cyan (33%)
- Magenta (42%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.6851, 0.3581, 0.3617 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 31.6851, 0.3581, 0.3617 by changing the saturation by 10% instead.


 31.6851, 0.3581,
0.3617


 31.6851, 0.3581,
0.3617


309.6823, 0.3339,
0.3446


 21.1211, 0.3647,
0.3662


 62.3171, 0.3489,
0.3553

 13.2125, 0.3734,
0.3721


 83.1539, 0.3456,
0.3530

 7.5751, 0.3857,
0.3801


 108.1837, 0.3428,
0.3510

 3.8243, 0.4039,
0.3915

137.7910, 0.3405,
0.3493

 1.5758, 0.4397,
0.4145

172.3600, 0.3385,
0.3479

 0.3412, 0.5622,
0.4378

212.2754, 0.3367,

 0.0000, 0.0000,

0.3467

0.0000

257.9213, 0.3352,
0.3456

■ 31.6851, 0.3581,
0.3617

■ 31.6851, 0.3581,
0.3617

■ 28.6727, 0.3799,
0.3750

■ 34.9743, 0.3387,
0.3485

■ 25.9249, 0.4041,
0.3880

■ 38.5437, 0.3215,
0.3359

■ 23.4344, 0.4301,
0.3997

■ 42.4020, 0.3065,
0.3240

■ 21.1923, 0.4572,
0.4091

■ 46.5562, 0.2935,
0.3129

■ 19.1886, 0.4841,
0.4150

■ 51.0131, 0.2821,
0.3027

■ 17.4126, 0.5091,
0.4161

■ 55.7790, 0.2721,
0.2934

■ 15.8515, 0.5309,
0.4121

■ 60.8604, 0.2634,
0.2848

■ 15.2392, 0.5398,
0.4096

■ 65.6837, 0.2602,
0.2861

■ 70.2119, 0.2615,
0.2961

Harmonies

Analogous

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



31.6851, 0.3606, 0.3439



31.6851, 0.3581, 0.3617



31.6851, 0.3431, 0.3716

Triad

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



31.6851, 0.3581, 0.3617



31.6851, 0.2769, 0.3334



31.6851, 0.3036, 0.2921

Complementary

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



31.6851, 0.3581, 0.3617



28.9412, 0.2726, 0.2939

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.



31.6851, 0.2821, 0.2884



31.6851, 0.3581, 0.3617



31.6851, 0.2671, 0.3111

Square

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



31.6851, 0.3581, 0.3617



31.6851, 0.2961, 0.3554



31.6851, 0.2690, 0.2950



31.6851, 0.3284, 0.3046

Rectangle

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



31.6851, 0.3581, 0.3617



31.6851, 0.3284, 0.3717



31.6851, 0.2690, 0.2950



31.6851, 0.2958, 0.2898

Sweetspot

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



31.6865, 0.3581, 0.3617



67.4500, 0.3255, 0.3389



26.0076, 0.3399, 0.2966



14.8280, 0.3280, 0.3408



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



31.6865, 0.3581, 0.3617



53.5562, 0.3706, 0.3695



39.3053, 0.3507, 0.3919



8.6526, 0.3274, 0.3404



11.5968, 0.5383, 0.4108



0.4322, 0.4933, 0.4465

Inverse Universe

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



28.9412, 0.2726, 0.2939



47.7728, 0.2632, 0.2846



22.6350, 0.2694, 0.2573



8.3935, 0.2986, 0.3174



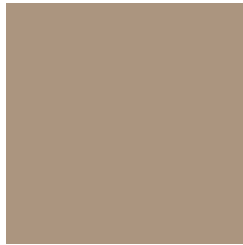
7.2720, 0.1779, 0.1603



0.3119, 0.1933, 0.2159

Previews

White Background



This preview shows how the Yxy color 31.6851, 0.3581, 0.3617 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 31.6851, 0.3581, 0.3617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

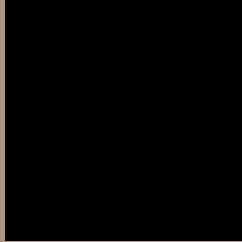
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.6851, 0.3581, 0.3617

Background



This preview shows how black text looks on a background with the Yxy color 31.6851, 0.3581, 0.3617.



This preview shows how white text looks on a background with the Yxy color 31.6851, 0.3581, 0.3617.

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

31.6851, 0.3581, 0.3617

Protanopia

31.6185, 0.3443, 0.3643

Deuteranopia

31.6298, 0.3644, 0.3583



Tritanopia

31.6498, 0.3324, 0.3133

Trichromacy



Original Color

31.6851, 0.3581, 0.3617

Protanomaly

31.6911, 0.3499, 0.3638

Deuteranomaly

31.7108, 0.3618, 0.3599

Tritanomaly

31.4863, 0.3425, 0.3305

Monochromacy



Original Color

31.6851, 0.3581, 0.3617

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.9437, 0.3285, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.6851, 0.3581, 0.3617 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(171, 149, 127)` looks like.

```
.text, #text, p{  
    color:rgb(171, 149, 127)  
}
```

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(171, 149, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 149, 127) }
```

Border

The CSS property to change the border of an element to Yxy 31.6851, 0.3581, 0.3617 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(171, 149, 127) }
```

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

```
.border{ border-color:rgb(171, 149, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 149, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 149, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 149, 127);  
box-shadow:4px 4px 4px 4px rgb(171, 149,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 31.6851, 0.3581, 0.3617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 149, 127) }
```

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

```
.background{ background-color: rgb(171,  
149, 127) }
```

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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