

Converting Colors

$Yxy(31.7663, 0.3630, 0.3595)$

Have a look what the booklet for
Yxy(31.7663, 0.3630, 0.3595)
contains.

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Color

Yxy(31.8261, 0.3629, 0.3598)

Conversions

Conversions Part 1

Format	Color
Hex	AF947F
RGB	175, 148, 127
RGB Percent	69%, 58%, 50%
CMY	0.3137, 0.4196, 0.5020
CMYK	0.00, 0.15, 0.27, 0.31
HSL	26°, 23%, 59%
HSV	26°, 27%, 69%
XYZ	32.1003, 31.8261, 24.5286
YIQ	153.6790, 22.8330, -0.8070

Conversions

Conversions Part 2

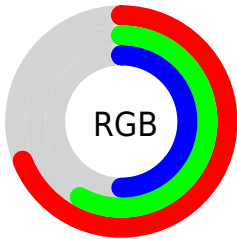
Format	Color
RYB	175, 164, 127
Decimal	11506815
CIELab	63.20, 6.82, 14.86
CIELCh	63, 16.349, 65.329
Yxy	31.8261, 0.3629, 0.3598
Android (android.graphics.Color)	4289696895 (0xFFAF947F)
YUV	153.6790, -13.1527, 18.6985
Hunter-Lab	56.4146, 2.8421, 13.7115

Details

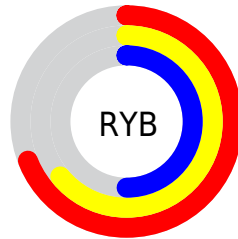
The Yxy color **31.8261, 0.3629, 0.3598** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **30.7177, 0.2703, 0.2960**, and the grayscale version is **32.2188, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.5253, 0.3524, 0.3536**, and **13.2370, 0.3804, 0.3682** is the 20% darker color. If you saturate the color by 10%, you get **28.4524, 0.3863, 0.3716**, and if you desaturate by 10%, it is **35.5446, 0.3423, 0.3481**.

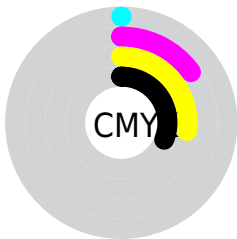
Distribution



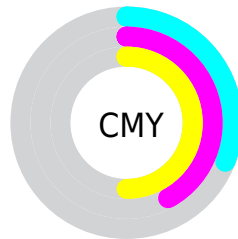
- Red (69%)
- Green (58%)
- Blue (50%)



- Red (69%)
- Yellow (64%)
- Blue (50%)



- Cyan (0%)
- Magenta (15%)
- Yellow (27%)
- Black (31%)




- Cyan (31%)
- Magenta (42%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.8261, 0.3629, 0.3598 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 31.8261, 0.3629, 0.3598 by changing the saturation by 10% instead.


 31.8261, 0.3629,
0.3598


 31.8261, 0.3629,
0.3598


310.3263, 0.3361,
0.3439

 21.2287, 0.3702,
0.3639


 62.5384, 0.3527,
0.3539

 13.2913, 0.3799,
0.3693


 83.4220, 0.3490,
0.3517

 7.6294, 0.3935,
0.3765


 108.5032, 0.3460,
0.3499

 3.8588, 0.4137,
0.3865

138.1664, 0.3434,
0.3483

 1.5949, 0.4527,
0.4065

172.7959, 0.3412,
0.3470

 0.3541, 0.5869,
0.4131

212.7761, 0.3392,

 0.0000, 0.0000,

0.3458

0.0000

258.4915, 0.3376,
0.3448

■ 31.8261, 0.3629,
0.3598

■ 31.8261, 0.3629,
0.3598

■ 28.4524, 0.3863,
0.3716

■ 35.5446, 0.3423,
0.3481

■ 25.4085, 0.4124,
0.3828

■ 39.6136, 0.3244,
0.3369

■ 22.6846, 0.4410,
0.3928

■ 44.0442, 0.3090,
0.3264

■ 20.2687, 0.4709,
0.4002

■ 48.8455, 0.2956,
0.3166


■ 18.1480, 0.5008,
0.4040


■ 54.0264, 0.2840,
0.3075


 16.3082, 0.5285,
0.4029

 59.5956, 0.2740,
0.2993

 14.7312, 0.5523,
0.3967

 65.5611, 0.2654,
0.2917

 14.3630, 0.5583,
0.3949

 71.1338, 0.2638,
0.2973

 76.6651, 0.2652,
0.3085

Harmonies

Analogous

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



31.8261, 0.3622, 0.3396



31.8261, 0.3629, 0.3598



31.8261, 0.3497, 0.3729

Triad

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



31.8261, 0.3629, 0.3598



31.8261, 0.2786, 0.3394



31.8261, 0.2972, 0.2880

Complementary

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



31.8261, 0.3629, 0.3598



30.7177, 0.2703, 0.2960

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.



31.8261, 0.2760, 0.2866



31.8261, 0.3629, 0.3598



31.8261, 0.2657, 0.3150

Square

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



31.8261, 0.3629, 0.3598



31.8261, 0.3008, 0.3616



31.8261, 0.2648, 0.2960



31.8261, 0.3233, 0.2994

Rectangle

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



31.8261, 0.3629, 0.3598



31.8261, 0.3351, 0.3752



31.8261, 0.2648, 0.2960



31.8261, 0.2893, 0.2864

Sweetspot

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



31.8276, 0.3629, 0.3598



70.4070, 0.3256, 0.3377



26.6323, 0.3386, 0.2898



15.4004, 0.3281, 0.3393



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



31.8276, 0.3629, 0.3598



53.2173, 0.3769, 0.3670



40.0770, 0.3544, 0.3921



8.5703, 0.3276, 0.3390



10.4036, 0.5563, 0.3965



0.3996, 0.5048, 0.4374

Inverse Universe

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



30.7177, 0.2703, 0.2960



50.8875, 0.2606, 0.2874



23.6251, 0.2664, 0.2569



8.4764, 0.2986, 0.3188



8.6536, 0.1838, 0.1815



0.3472, 0.1975, 0.2309

Previews

White Background



This preview shows how the Yxy color 31.8261, 0.3629, 0.3598 looks on a white background.

Color Contrast Check

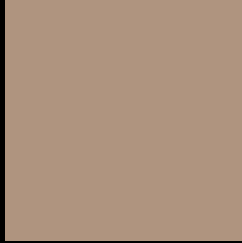
Large Text (above 18pt) WCAG AA × Fail

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 31.8261, 0.3629, 0.3598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

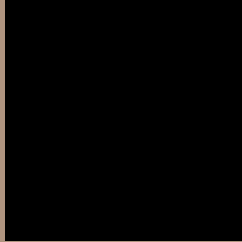
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.8261, 0.3629, 0.3598

Background



This preview shows how black text looks on a background with the Yxy color 31.8261, 0.3629, 0.3598.



This preview shows how white text looks on a background with the Yxy color 31.8261, 0.3629, 0.3598.

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

31.8261, 0.3629, 0.3598

Protanopia

31.9445, 0.3440, 0.3657

Deuteranopia

31.7469, 0.3655, 0.3581



Tritanopia

31.7781, 0.3379, 0.3135

Trichromacy



Original Color

31.8261, 0.3629, 0.3598

Protanomaly

31.7987, 0.3510, 0.3637

Deuteranomaly

31.6298, 0.3644, 0.3583

Tritanomaly

31.6422, 0.3470, 0.3291

Monochromacy



Original Color

31.8261, 0.3629, 0.3598

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.1515, 0.3306, 0.3411

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.8261, 0.3629, 0.3598 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(175, 148, 127)` looks like.

```
.text, #text, p{  
    color:rgb(175, 148, 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(175, 148, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 148, 127) }
```

Border

The CSS property to change the border of an element to Yxy 31.8261, 0.3629, 0.3598 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(175, 148, 127) }
```

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

```
.border{ border-color:rgb(175, 148, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 148, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 148, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 148, 127);  
box-shadow:4px 4px 4px 4px rgb(175, 148,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 31.8261, 0.3629, 0.3598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 148, 127) }
```

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

```
.background{ background-color: rgb(175,  
148, 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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