

Converting Colors

$Yxy(31.8639, 0.3480, 0.3716)$

Have a look what the booklet for
Yxy(31.8639, 0.3480, 0.3716)
contains.

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Color

Yxy(31.8402, 0.3480, 0.3719)

Conversions

Conversions Part 1

Format	Color
Hex	A1997D
RGB	161, 153, 125
RGB Percent	63%, 60%, 49%
CMY	0.3686, 0.4000, 0.5098
CMYK	0.00, 0.05, 0.22, 0.37
HSL	47°, 16%, 56%
HSV	47°, 22%, 63%
XYZ	29.7940, 31.8402, 23.9807
YIQ	152.2000, 13.7560, -7.0120

Conversions

Conversions Part 2

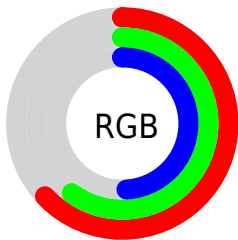
Format	Color
RYB	135, 161, 125
Decimal	10590589
CIELab	63.21, -1.77, 15.79
CIElCh	63, 15.889, 96.409
Yxy	31.8402, 0.3480, 0.3719
Android (android.graphics.Color)	4288780669 (0xFFA1997D)
YUV	152.2000, -13.4096, 7.7176
Hunter-Lab	56.4271, -4.4979, 14.3016

Details

The Yxy color **31.8402, 0.3480, 0.3719** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.7183, 0.2769, 0.2821**, and the grayscale version is **31.5467, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.4389, 0.3407, 0.3626**, and **13.2758, 0.3595, 0.3861** is the 20% darker color. If you saturate the color by 10%, you get **30.3063, 0.3653, 0.3917**, and if you desaturate by 10%, it is **33.4789, 0.3315, 0.3523**.

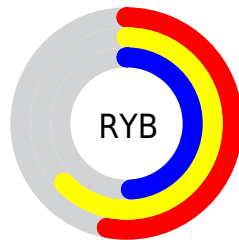
Distribution



Red (63%)

Green (60%)

Blue (49%)



Red (53%)

Yellow (63%)

Blue (49%)

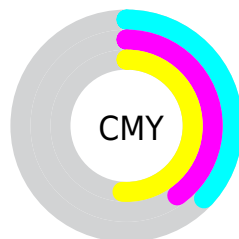


Cyan (0%)

Magenta (5%)

Yellow (22%)

Black (37%)



Cyan (37%)


Magenta (40%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.8402, 0.3480, 0.3719 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 31.8402, 0.3480, 0.3719 by changing the saturation by 10% instead.


 31.8402, 0.3480,
0.3719


 31.8402, 0.3480,
0.3719


310.3907, 0.3293,
0.3490

 21.2395, 0.3530,
0.3781


 62.5605, 0.3410,
0.3632

 13.2992, 0.3596,
0.3863


 83.4488, 0.3384,
0.3601

 7.6349, 0.3687,
0.3978


 108.5352, 0.3363,
0.3575

 3.8622, 0.3819,
0.4147

138.2039, 0.3345,
0.3553

 1.5968, 0.4109,
0.4511

172.8394, 0.3329,
0.3534

 0.3554, 0.4532,
0.5468

212.8261, 0.3316,

 0.0000, 0.0000,

0.3517

0.0000

258.5484, 0.3304,
0.3503

■ 31.8402, 0.3480,
0.3719

■ 31.8402, 0.3480,
0.3719

■ 30.3063, 0.3653,
0.3917

■ 33.4789, 0.3315,
0.3523

■ 28.8696, 0.3832,
0.4109

■ 35.2215, 0.3162,
0.3333

■ 27.5275, 0.4010,
0.4288

■ 37.0726, 0.3020,
0.3154

■ 26.2760, 0.4181,
0.4445

■ 39.0350, 0.2892,
0.2985

■ 25.1106, 0.4336,
0.4568

■ 41.1116, 0.2775,
0.2829

■ 24.0260, 0.4470,
0.4650

■ 43.3050, 0.2670,
0.2685

■ 23.0163, 0.4577,
0.4687

■ 45.6180, 0.2576,
0.2553

■ 22.2847, 0.4645,
0.4694

■ 48.0528, 0.2492,
0.2432

■ 49.6130, 0.2492,
0.2464

Harmonies

Analogous

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



31.8402, 0.3612, 0.3596



31.8402, 0.3480, 0.3719



31.8402, 0.3255, 0.3725

Triad

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



31.8402, 0.3480, 0.3719



31.8402, 0.2667, 0.3147



31.8402, 0.3240, 0.3007

Complementary

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



31.8402, 0.3480, 0.3719



23.7183, 0.2769, 0.2821

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.



31.8402, 0.2985, 0.2894



31.8402, 0.3480, 0.3719



31.8402, 0.2663, 0.2964

Square

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



31.8402, 0.3480, 0.3719



31.8402, 0.2789, 0.3382



31.8402, 0.2776, 0.2876



31.8402, 0.3472, 0.3189

Rectangle

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



31.8402, 0.3480, 0.3719



31.8402, 0.3085, 0.3655



31.8402, 0.2776, 0.2876



31.8402, 0.3154, 0.2960

Sweetspot

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



31.8416, 0.3480, 0.3719



61.5512, 0.3233, 0.3423



23.9539, 0.3468, 0.3159



13.4624, 0.3242, 0.3433



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



31.8416, 0.3480, 0.3719



55.5749, 0.3568, 0.3821



33.5962, 0.3358, 0.3851



7.9684, 0.3267, 0.3464



17.8560, 0.4641, 0.4697



0.4379, 0.4451, 0.4848

Inverse Universe

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



23.7183, 0.2769, 0.2821



38.3352, 0.2678, 0.2696



22.3627, 0.2860, 0.2699



7.1040, 0.2987, 0.3110



3.1085, 0.1573, 0.0863



0.1295, 0.1750, 0.1500

Previews

White Background



This preview shows how the Yxy color 31.8402, 0.3480, 0.3719 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 31.8402, 0.3480, 0.3719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

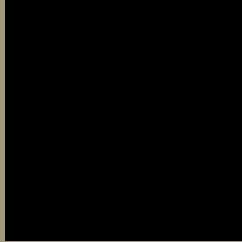
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

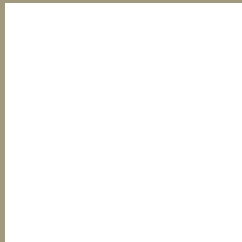
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.8402, 0.3480, 0.3719

Background



This preview shows how black text looks on a background with the Yxy color 31.8402, 0.3480, 0.3719.



This preview shows how white text looks on a background with the Yxy color 31.8402, 0.3480, 0.3719.

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

31.8402, 0.3480, 0.3719

Protanopia

31.9445, 0.3491, 0.3718

Deuteranopia

31.7209, 0.3665, 0.3596



Tritanopia

31.7172, 0.3187, 0.3114

Trichromacy



Original Color

31.8402, 0.3480, 0.3719

Protanomaly

31.9445, 0.3491, 0.3718

Deuteranomaly

31.6592, 0.3592, 0.3632

Tritanomaly

31.8118, 0.3301, 0.3335

Monochromacy



Original Color

31.8402, 0.3480, 0.3719

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.3780, 0.3253, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.8402, 0.3480, 0.3719 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(161, 153, 125)` looks like.

```
.text, #text, p{  
    color:rgb(161, 153, 125)  
}
```

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(161, 153, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 153, 125) }
```

Border

The CSS property to change the border of an element to Yxy 31.8402, 0.3480, 0.3719 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(161, 153, 125) }
```

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

```
.border{ border-color:rgb(161, 153, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 153, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 153, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 153, 125);  
box-shadow:4px 4px 4px 4px rgb(161, 153,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 31.8402, 0.3480, 0.3719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 153, 125) }
```

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

```
.background{ background-color: rgb(161,  
153, 125) }
```

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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