

Converting Colors

$Yxy(30.1368, 0.3599, 0.3545)$

Have a look what the booklet for
Yxy(30.1368, 0.3599, 0.3545)
contains.

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Color

Yxy(30.1368, 0.3599, 0.3545)

Conversions

Conversions Part 1

Format	Color
Hex	AB907F
RGB	171, 144, 127
RGB Percent	67%, 56%, 50%
CMY	0.3295, 0.4353, 0.5020
CMYK	0.00, 0.16, 0.26, 0.33
HSL	23°, 21%, 58%
HSV	23°, 26%, 67%
XYZ	30.5959, 30.1368, 24.2795
YIQ	150.1350, 21.5490, 0.4370

Conversions

Conversions Part 2

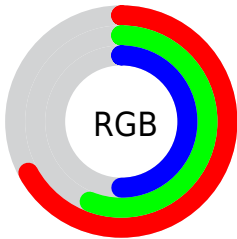
Format	Color
RYB	171, 155, 127
Decimal	11243647
CIELab	61.77, 7.45, 12.81
CIElCh	62, 14.817, 59.828
Yxy	30.1368, 0.3599, 0.3545
Android (android.graphics.Color)	4289433727 (0xFFAB907F)
YUV	150.1350, -11.4056, 18.2986
Hunter-Lab	54.8970, 3.4141, 12.2055

Details

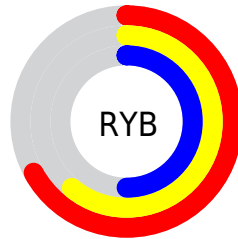
The Yxy color **30.1368, 0.3599, 0.3545** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **30.5513, 0.2733, 0.3020**, and the grayscale version is **30.6020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0143, 0.3500, 0.3495**, and **12.4070, 0.3759, 0.3630** is the 20% darker color. If you saturate the color by 10%, you get **26.6994, 0.3836, 0.3650**, and if you desaturate by 10%, it is **33.9476, 0.3394, 0.3442**.

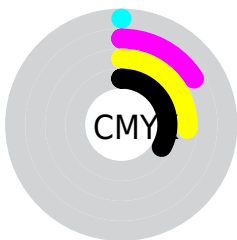
Distribution



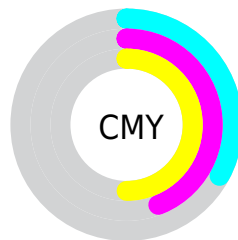
- Red (67%)
- Green (56%)
- Blue (50%)



- Red (67%)
- Yellow (61%)
- Blue (50%)



- Cyan (0%)
- Magenta (16%)
- Yellow (26%)
- Black (33%)



- Cyan (33%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1368, 0.3599, 0.3545 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 30.1368, 0.3599, 0.3545 by changing the saturation by 10% instead.


 30.1368, 0.3599,
0.3545


 30.1368, 0.3599,
0.3545


302.5416, 0.3344,
0.3412


 19.9424, 0.3669,
0.3580


 59.8785, 0.3502,
0.3496

 12.3532, 0.3764,
0.3625


 80.1945, 0.3467,
0.3477

 6.9847, 0.3897,
0.3686


 104.6533, 0.3438,
0.3462

 3.4525, 0.4100,
0.3772

133.6392, 0.3413,
0.3449

 1.3723, 0.4519,
0.3967

167.5366, 0.3392,
0.3438

 0.1962, 0.6524,
0.3476

206.7298, 0.3374,

 0.0000, 0.0000,

0.3428

0.0000

251.6034, 0.3358,
0.3420

■ 30.1368, 0.3599,
0.3545

■ 30.1368, 0.3599,
0.3545

■ 26.6994, 0.3836,
0.3650

■ 33.9476, 0.3394,
0.3442

■ 23.6195, 0.4105,
0.3751

■ 38.1388, 0.3217,
0.3344

■ 20.8859, 0.4403,
0.3841

■ 42.7226, 0.3065,
0.3252

■ 18.4854, 0.4722,
0.3909

■ 47.7093, 0.2936,
0.3166

■ 16.4035, 0.5046,
0.3943

■ 53.1087, 0.2824,
0.3088

■ 14.6247, 0.5353,
0.3932

■ 58.9304, 0.2729,
0.3017

■ 13.1310, 0.5617,
0.3870

■ 65.1836, 0.2646,
0.2951

■ 12.5700, 0.5724,
0.3837

■ 71.2987, 0.2618,
0.2984

■ 77.2392, 0.2633,
0.3104

Harmonies

Analogous

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



30.1368, 0.3567, 0.3352



30.1368, 0.3599, 0.3545



30.1368, 0.3499, 0.3680

Triad

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



30.1368, 0.3599, 0.3545



30.1368, 0.2844, 0.3427



30.1368, 0.2943, 0.2901

Complementary

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



30.1368, 0.3599, 0.3545



30.5513, 0.2733, 0.3020

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.



30.1368, 0.2761, 0.2906



30.1368, 0.3599, 0.3545



30.1368, 0.2706, 0.3201

Square

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



30.1368, 0.3599, 0.3545



30.1368, 0.3061, 0.3619



30.1368, 0.2676, 0.3012



30.1368, 0.3181, 0.2990

Rectangle

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



30.1368, 0.3599, 0.3545



30.1368, 0.3375, 0.3715



30.1368, 0.2676, 0.3012



30.1368, 0.2873, 0.2891

Sweetspot

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



30.1382, 0.3599, 0.3545



66.4430, 0.3257, 0.3367



26.1699, 0.3340, 0.2892



14.5656, 0.3282, 0.3381



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.



30.1382, 0.3599, 0.3545



50.3225, 0.3733, 0.3606



37.4078, 0.3524, 0.3851



8.5044, 0.3277, 0.3378



9.5733, 0.5706, 0.3851



0.3743, 0.5147, 0.4295

Inverse Universe

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



30.5513, 0.2733, 0.3020



51.1857, 0.2644, 0.2950



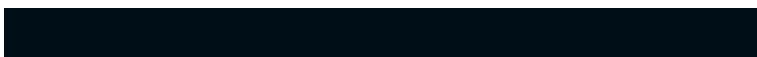
23.9871, 0.2701, 0.2659



8.5438, 0.2986, 0.3200



9.9139, 0.1887, 0.1992



0.3777, 0.2008, 0.2430

Previews

White Background



This preview shows how the Yxy color 30.1368, 0.3599, 0.3545 looks on a white background.

Color Contrast Check

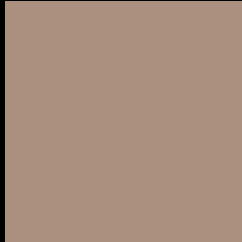
Large Text (above 18pt) WCAG AA × Fail

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 30.1368, 0.3599, 0.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

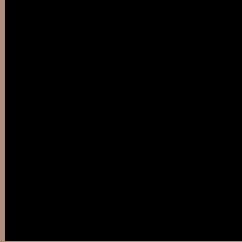
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.1368, 0.3599, 0.3545

Background



This preview shows how black text looks on a background with the Yxy color 30.1368, 0.3599, 0.3545.



This preview shows how white text looks on a background with the Yxy color 30.1368, 0.3599, 0.3545.

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

30.1368, 0.3599, 0.3545

Protanopia

30.2480, 0.3408, 0.3603

Deuteranopia

30.2495, 0.3610, 0.3544



Tritanopia

29.9892, 0.3385, 0.3131

Trichromacy



Original Color

30.1368, 0.3599, 0.3545

Protanomaly

30.1073, 0.3479, 0.3583

Deuteranomaly

30.2495, 0.3610, 0.3544

Tritanomaly

29.8870, 0.3469, 0.3276

Monochromacy



Original Color

30.1368, 0.3599, 0.3545

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.4019, 0.3290, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1368, 0.3599, 0.3545 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, 144, 127)` looks like.

```
.text, #text, p{  
    color:rgb(171, 144, 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, 144, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 144, 127) }
```

Border

The CSS property to change the border of an element to Yxy 30.1368, 0.3599, 0.3545 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, 144, 127) }
```

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

```
.border{ border-color:rgb(171, 144, 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, 144, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 144, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 144, 127);  
box-shadow:4px 4px 4px 4px rgb(171, 144,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1368, 0.3599, 0.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 144, 127) }
```

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

```
.background{ background-color: rgb(171,  
144, 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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