

Converting Colors

Yxy(36.1596, 0.3447, 0.3613)

Have a look what the booklet for
Yxy(36.1596, 0.3447, 0.3613)
contains.

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Color

Yxy(36.2381, 0.3448, 0.3607)

Conversions

Conversions Part 1

Format	Color
Hex	ADA18B
RGB	173, 161, 139
RGB Percent	68%, 63%, 55%
CMY	0.3215, 0.3686, 0.4550
CMYK	0.00, 0.07, 0.20, 0.32
HSL	39°, 17%, 61%
HSV	39°, 20%, 68%
XYZ	34.6407, 36.2381, 29.5872
YIQ	162.0800, 14.2140, -4.2980

Conversions

Conversions Part 2

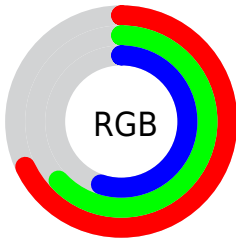
Format	Color
RYB	158, 173, 139
Decimal	11379083
CIELab	66.70, 0.68, 13.05
CIELCh	67, 13.064, 87.017
Yxy	36.2381, 0.3448, 0.3607
Android (android.graphics.Color)	4289569163 (0xFFADA18B)
YUV	162.0800, -11.3784, 9.5768
Hunter-Lab	60.1981, -2.6297, 12.9977

Details

The Yxy color **36.2381, 0.3448, 0.3607** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.6389, 0.2818, 0.2951**, and the grayscale version is **36.2213, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.6200, 0.3384, 0.3543**, and **15.8662, 0.3541, 0.3715** is the 20% darker color. If you saturate the color by 10%, you get **33.6898, 0.3635, 0.3776**, and if you desaturate by 10%, it is **38.9741, 0.3277, 0.3442**.

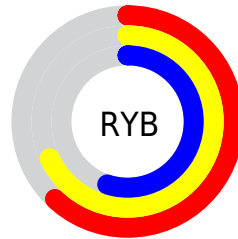
Distribution



Red (68%)

Green (63%)

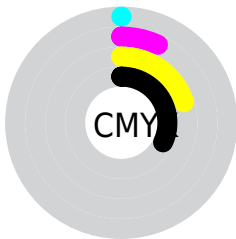
Blue (55%)



Red (62%)

Yellow (68%)

Blue (55%)

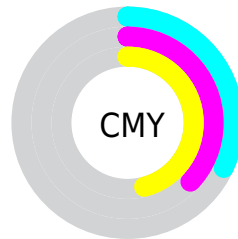


Cyan (0%)

Magenta (7%)

Yellow (20%)

Black (32%)



Cyan (32%)


Magenta (37%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2381, 0.3448, 0.3607 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 36.2381, 0.3448, 0.3607 by changing the saturation by 10% instead.

 36.2381, 0.3448,
0.3607


 36.2381, 0.3448,
0.3607


330.0000, 0.3281,
0.3442


 24.6181, 0.3492,
0.3650


 69.3994, 0.3386,
0.3546

 15.7928, 0.3550,
0.3707


 91.7095, 0.3363,
0.3523

 9.3776, 0.3629,
0.3784


 118.3519, 0.3344,
0.3504

 4.9883, 0.3743,
0.3895

149.7108, 0.3327,
0.3488

 2.2404, 0.3922,
0.4067

186.1706, 0.3313,
0.3474

 0.7419, 0.4931,
0.5069

228.1159, 0.3301,

 0.0000, 0.0000,

0.3462

0.0000

275.9309, 0.3290,
0.3452

■ 36.2381, 0.3448,
0.3607

■ 36.2381, 0.3448,
0.3607

■ 33.6898, 0.3635,
0.3776

■ 38.9741, 0.3277,
0.3442

■ 31.3191, 0.3836,
0.3943

■ 41.8977, 0.3122,
0.3285

■ 29.1219, 0.4047,
0.4102

■ 45.0155, 0.2984,
0.3137

■ 27.0925, 0.4262,
0.4242

■ 48.3319, 0.2861,
0.3000

■ 25.2241, 0.4472,
0.4353

■ 51.8511, 0.2751,
0.2873

■ 23.5097, 0.4666,
0.4424

■ 55.5775, 0.2654,
0.2757

■ 21.9411, 0.4834,
0.4447

■ 59.1824, 0.2594,
0.2702

■ 20.5028, 0.4977,
0.4427

■ 62.1398, 0.2603,
0.2774

■ 20.4575, 0.4982,
0.4426

■ 65.2123, 0.2612,
0.2847

Harmonies

Analogous

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



36.2381, 0.3520, 0.3490



36.2381, 0.3448, 0.3607



36.2381, 0.3290, 0.3640

Triad

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



36.2381, 0.3448, 0.3607



36.2381, 0.2784, 0.3235



36.2381, 0.3153, 0.3030

Complementary

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



36.2381, 0.3448, 0.3607



30.6389, 0.2818, 0.2951

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.



36.2381, 0.2958, 0.2962



36.2381, 0.3448, 0.3607



36.2381, 0.2749, 0.3073

Square

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



36.2381, 0.3448, 0.3607



36.2381, 0.2907, 0.3421



36.2381, 0.2812, 0.2975



36.2381, 0.3347, 0.3161

Rectangle

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



36.2381, 0.3448, 0.3607



36.2381, 0.3159, 0.3606



36.2381, 0.2812, 0.2975



36.2381, 0.3086, 0.2999

Sweetspot

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



36.2397, 0.3448, 0.3607



71.6117, 0.3220, 0.3385



29.5957, 0.3372, 0.3109



15.4929, 0.3230, 0.3395



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.



36.2397, 0.3448, 0.3607



62.6798, 0.3535, 0.3687



40.1361, 0.3374, 0.3777



8.8470, 0.3271, 0.3436



15.1358, 0.4971, 0.4435



0.5189, 0.4682, 0.4664

Inverse Universe

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



30.6389, 0.2818, 0.2951



50.6479, 0.2738, 0.2858



27.3638, 0.2851, 0.2767



8.2027, 0.2986, 0.3139



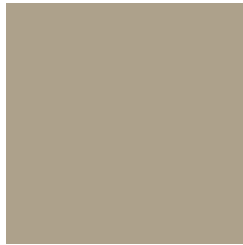
4.7745, 0.1655, 0.1159



0.2376, 0.1833, 0.1799

Previews

White Background



This preview shows how the Yxy color 36.2381, 0.3448, 0.3607 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 36.2381, 0.3448, 0.3607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

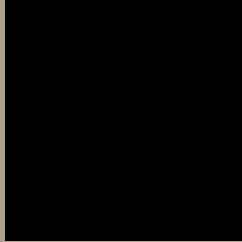
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

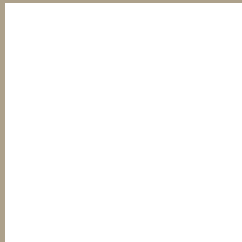
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.2381, 0.3448, 0.3607

Background



This preview shows how black text looks on a background with the Yxy color 36.2381, 0.3448, 0.3607.



This preview shows how white text looks on a background with the Yxy color 36.2381, 0.3448, 0.3607.

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

36.2381, 0.3448, 0.3607

Protanopia

36.2508, 0.3415, 0.3624

Deuteranopia

36.1095, 0.3586, 0.3512



Tritanopia

36.3256, 0.3213, 0.3125

Trichromacy



Original Color

36.2381, 0.3448, 0.3607

Protanomaly

36.3627, 0.3425, 0.3623

Deuteranomaly

36.1709, 0.3528, 0.3543

Tritanomaly

36.1524, 0.3304, 0.3291

Monochromacy



Original Color

36.2381, 0.3448, 0.3607

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.2807, 0.3237, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2381, 0.3448, 0.3607 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(173, 161, 139)` looks like.

```
.text, #text, p{  
    color:rgb(173, 161, 139)  
}
```

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(173, 161, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 161, 139) }
```

Border

The CSS property to change the border of an element to Yxy 36.2381, 0.3448, 0.3607 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(173, 161, 139) }
```

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

```
.border{ border-color:rgb(173, 161, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 161, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 161, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 161, 139);  
box-shadow:4px 4px 4px 4px rgb(173, 161,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2381, 0.3448, 0.3607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 161, 139) }
```

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

```
.background{ background-color: rgb(173,  
161, 139) }
```

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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