

Converting Colors

$Yxy(37.0328, 0.3488, 0.3871)$

Have a look what the booklet for
Yxy(37.0328, 0.3488, 0.3871)
contains.

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Color

Yxy(36.9943, 0.3493, 0.3876)

Conversions

Conversions Part 1

Format	Color
Hex	A7A67E
RGB	167, 166, 126
RGB Percent	65%, 65%, 49%
CMY	0.3450, 0.3490, 0.5060
CMYK	0.00, 0.01, 0.25, 0.35
HSL	59°, 19%, 57%
HSV	59°, 25%, 65%
XYZ	33.3388, 36.9943, 25.1115
YIQ	161.7390, 13.4360, -12.2280

Conversions

Conversions Part 2

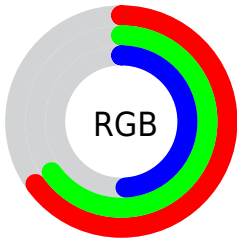
Format	Color
RYB	127, 167, 126
Decimal	10987134
CIELab	67.27, -6.31, 20.92
CIELCh	67, 21.856, 106.792
Yxy	36.9943, 0.3493, 0.3876
Android (android.graphics.Color)	4289177214 (0xFFA7A67E)
YUV	161.7390, -17.6193, 4.6139
Hunter-Lab	60.8229, -8.5992, 18.0975

Details

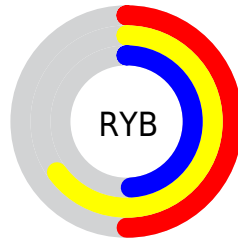
The Yxy color **36.9943, 0.3493, 0.3876** is a light color, and the websafe version is hex **999966**. A complement of this color would be **22.3973, 0.2718, 0.2628**, and the grayscale version is **36.0825, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.4972, 0.3420, 0.3760**, and **16.2153, 0.3604, 0.4050** is the 20% darker color. If you saturate the color by 10%, you get **36.4511, 0.3643, 0.4114**, and if you desaturate by 10%, it is **37.6132, 0.3342, 0.3634**.

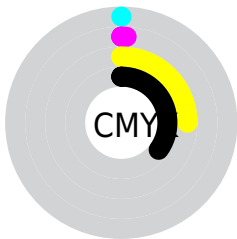
Distribution



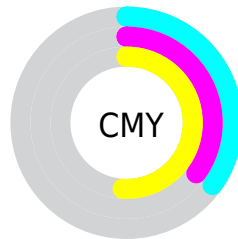
- Red (65%)
- Green (65%)
- Blue (49%)



- Red (50%)
- Yellow (65%)
- Blue (49%)



- Cyan (0%)
- Magenta (1%)
- Yellow (25%)
- Black (35%)



- Cyan (35%)
- Magenta (35%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9943, 0.3493, 0.3876 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 36.9943, 0.3493, 0.3876 by changing the saturation by 10% instead.


 36.9943, 0.3493,
0.3876


 36.9943, 0.3493,
0.3876


333.2858, 0.3306,
0.3569

 25.2031, 0.3540,
0.3957


 70.5640, 0.3425,
0.3761

 16.2284, 0.3600,
0.4064


 93.1113, 0.3399,
0.3719

 9.6859, 0.3680,
0.4210


 120.0127, 0.3378,
0.3683

 5.1912, 0.3788,
0.4419

151.6527, 0.3359,
0.3653

 2.3599, 0.3968,
0.4778

188.4156, 0.3343,
0.3628

 0.8051, 0.4315,
0.5685

230.6858, 0.3330,

 0.0000, 0.0000,

0.3605

0.0000

278.8478, 0.3317,
0.3586

■ 36.9943, 0.3493,
0.3876

■ 36.9943, 0.3493,
0.3876

■ 36.4511, 0.3643,
0.4114

■ 37.6132, 0.3342,
0.3634

■ 35.9752, 0.3786,
0.4339

■ 38.3063, 0.3193,
0.3396

■ 35.5643, 0.3916,
0.4543

■ 39.0782, 0.3051,
0.3167

■ 35.2141, 0.4028,
0.4717

■ 39.9320, 0.2917,
0.2950

■ 34.9199, 0.4118,
0.4852

■ 40.8704, 0.2792,
0.2748

■ 34.6761, 0.4182,
0.4946

■ 41.8961, 0.2677,
0.2562

■ 34.4762, 0.4221,
0.4999

■ 43.0116, 0.2573,
0.2392

■ 34.3771, 0.4236,
0.5018

■ 43.9208, 0.2503,
0.2279

■ 44.0743, 0.2504,
0.2284

Harmonies

Analogous

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



36.9943, 0.3719, 0.3754



36.9943, 0.3493, 0.3876



36.9943, 0.3175, 0.3828

Triad

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



36.9943, 0.3493, 0.3876



36.9943, 0.2512, 0.3004



36.9943, 0.3386, 0.2997

Complementary

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



36.9943, 0.3493, 0.3876



22.3973, 0.2718, 0.2628

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.



36.9943, 0.3051, 0.2818



36.9943, 0.3493, 0.3876



36.9943, 0.2560, 0.2809

Square

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



36.9943, 0.3493, 0.3876



36.9943, 0.2617, 0.3297



36.9943, 0.2752, 0.2748



36.9943, 0.3660, 0.3249

Rectangle

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



36.9943, 0.3493, 0.3876



36.9943, 0.2957, 0.3698



36.9943, 0.2752, 0.2748



36.9943, 0.3276, 0.2927

Sweetspot

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



36.9960, 0.3493, 0.3876



68.2627, 0.3231, 0.3456



24.6720, 0.3612, 0.3270



15.2599, 0.3239, 0.3470



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



36.9960, 0.3493, 0.3876



65.7476, 0.3568, 0.3995



35.4304, 0.3301, 0.3928



8.7417, 0.3263, 0.3508



26.3124, 0.4236, 0.5019



0.6497, 0.4221, 0.5031

Inverse Universe

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



22.3973, 0.2718, 0.2628



35.4453, 0.2622, 0.2472



23.7355, 0.2915, 0.2648



7.3290, 0.2986, 0.3063



2.2139, 0.1506, 0.0620



0.0628, 0.1531, 0.0711

Previews

White Background



This preview shows how the Yxy color 36.9943, 0.3493, 0.3876 looks on a white background.

Color Contrast Check

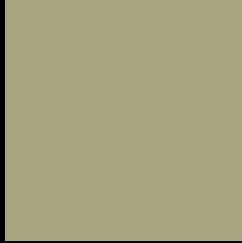
Large Text (above 18pt) WCAG AA × Fail

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 36.9943, 0.3493, 0.3876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

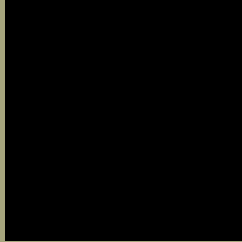
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9943, 0.3493, 0.3876

Background



This preview shows how black text looks on a background with the Yxy color 36.9943, 0.3493, 0.3876.



This preview shows how white text looks on a background with the Yxy color 36.9943, 0.3493, 0.3876.

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

36.9943, 0.3493, 0.3876

Protanopia

36.7890, 0.3593, 0.3834

Deuteranopia

36.8789, 0.3764, 0.3683



Tritanopia

37.0044, 0.3144, 0.3124

Trichromacy



Original Color

36.9943, 0.3493, 0.3876

Protanomaly

36.8022, 0.3559, 0.3853

Deuteranomaly

36.7412, 0.3668, 0.3751

Tritanomaly

36.8651, 0.3277, 0.3390

Monochromacy



Original Color

36.9943, 0.3493, 0.3876

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.2568, 0.3261, 0.3495

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9943, 0.3493, 0.3876 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(167, 166, 126)` looks like.

```
.text, #text, p{  
    color:rgb(167, 166, 126)  
}
```

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(167, 166, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 166, 126) }
```

Border

The CSS property to change the border of an element to Yxy 36.9943, 0.3493, 0.3876 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(167, 166, 126) }
```

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

```
.border{ border-color:rgb(167, 166, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 166, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 166, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 166, 126);  
box-shadow:4px 4px 4px 4px rgb(167, 166,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9943, 0.3493, 0.3876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 166, 126) }
```

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

```
.background{ background-color: rgb(167,  
166, 126) }
```

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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