

Converting Colors

$Yxy(37.9888, 0.3467, 0.3779)$

Have a look what the booklet for
Yxy(37.9888, 0.3467, 0.3779)
contains.

Yxy(37.9888, 0.3467, 0.3779)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.9888, 0.3467, 0.3779)

Conversions

Conversions Part 1

Format	Color
Hex	ABA785
RGB	171, 167, 133
RGB Percent	67%, 65%, 52%
CMY	0.3293, 0.3451, 0.4784
CMYK	0.00, 0.02, 0.22, 0.33
HSL	54°, 18%, 60%
HSV	54°, 22%, 67%
XYZ	34.8524, 37.9888, 27.6849
YIQ	164.3200, 13.2980, -9.7260

Conversions

Conversions Part 2

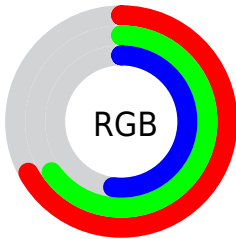
Format	Color
RYB	137, 171, 133
Decimal	11249541
CIELab	68.01, -4.24, 18.14
CIELCh	68, 18.635, 103.166
Yxy	37.9888, 0.3467, 0.3779
Android (android.graphics.Color)	4289439621 (0xFFABA785)
YUV	164.3200, -15.4408, 5.8584
Hunter-Lab	61.6351, -6.9261, 16.5130

Details

The Yxy color **37.9888, 0.3467, 0.3779** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.8306, 0.2764, 0.2749**, and the grayscale version is **37.3578, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1186, 0.3407, 0.3686**, and **16.7376, 0.3566, 0.3937** is the 20% darker color. If you saturate the color by 10%, you get **36.8945, 0.3627, 0.4002**, and if you desaturate by 10%, it is **39.1729, 0.3310, 0.3555**.

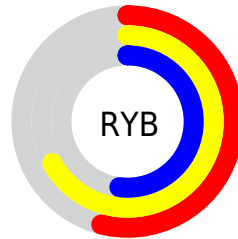
Distribution



Red (67%)

Green (65%)

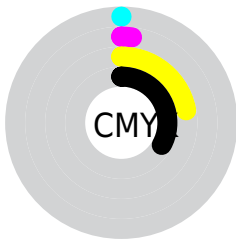
Blue (52%)



Red (54%)

Yellow (67%)

Blue (52%)

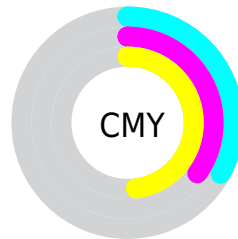


Cyan (0%)

Magenta (2%)

Yellow (22%)

Black (33%)



Cyan (33%)


Magenta (35%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9888, 0.3467, 0.3779 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 37.9888, 0.3467, 0.3779 by changing the saturation by 10% instead.


 37.9888, 0.3467,
0.3779


 37.9888, 0.3467,
0.3779


337.5719, 0.3293,
0.3524


 25.9740, 0.3511,
0.3846


 72.0910, 0.3403,
0.3684

 16.8042, 0.3568,
0.3933


 94.9471, 0.3379,
0.3649

 10.0950, 0.3645,
0.4052


 122.1859, 0.3359,
0.3620

 5.4620, 0.3751,
0.4223

154.1916, 0.3342,
0.3595

 2.5208, 0.3905,
0.4488

191.3486, 0.3327,
0.3574

 0.8870, 0.4546,
0.5454

234.0414, 0.3315,

 0.0000, 0.0000,

0.3555

0.0000

282.6544, 0.3303,
0.3539

■ 37.9888, 0.3467,
0.3779

■ 37.9888, 0.3467,
0.3779

■ 36.8945, 0.3627,
0.4002

■ 39.1729, 0.3310,
0.3555

■ 35.8810, 0.3786,
0.4218

■ 40.4451, 0.3160,
0.3338

■ 34.9461, 0.3937,
0.4417

■ 41.8104, 0.3018,
0.3130

■ 34.0852, 0.4075,
0.4589

■ 43.2720, 0.2887,
0.2934

■ 33.2934, 0.4193,
0.4727

■ 44.8328, 0.2767,
0.2753

■ 32.5650, 0.4287,
0.4823

■ 46.4957, 0.2658,
0.2586

■ 31.8933, 0.4353,
0.4875

■ 48.2633, 0.2559,
0.2433

■ 31.3997, 0.4392,
0.4895

■ 49.1461, 0.2549,
0.2433

■ 49.8927, 0.2551,
0.2455

Harmonies

Analogous

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



37.9888, 0.3643, 0.3666



37.9888, 0.3467, 0.3779



37.9888, 0.3204, 0.3754

Triad

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



37.9888, 0.3467, 0.3779



37.9888, 0.2608, 0.3077



37.9888, 0.3314, 0.3018

Complementary

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



37.9888, 0.3467, 0.3779



25.8306, 0.2764, 0.2749

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.



37.9888, 0.3030, 0.2874



37.9888, 0.3467, 0.3779



37.9888, 0.2633, 0.2898

Square

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



37.9888, 0.3467, 0.3779



37.9888, 0.2714, 0.3331



37.9888, 0.2784, 0.2828



37.9888, 0.3554, 0.3229

Rectangle

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



37.9888, 0.3467, 0.3779



37.9888, 0.3018, 0.3656



37.9888, 0.2784, 0.2828



37.9888, 0.3220, 0.2961

Sweetspot

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



37.9905, 0.3467, 0.3779



71.2692, 0.3232, 0.3443



27.2552, 0.3518, 0.3225



15.8644, 0.3241, 0.3455



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.



37.9905, 0.3467, 0.3779



66.9616, 0.3551, 0.3897



37.9458, 0.3315, 0.3859



9.1826, 0.3265, 0.3491



23.7060, 0.4389, 0.4897



0.7001, 0.4323, 0.4950

Inverse Universe

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



25.8306, 0.2764, 0.2749



41.0636, 0.2667, 0.2601



25.9730, 0.2906, 0.2707



7.8891, 0.2986, 0.3081



2.5867, 0.1525, 0.0689



0.1146, 0.1619, 0.1027

Previews

White Background



This preview shows how the Yxy color 37.9888, 0.3467, 0.3779 looks on a white background.

Color Contrast Check

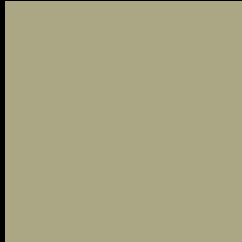
Large Text (above 18pt) WCAG AA × Fail

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 37.9888, 0.3467, 0.3779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

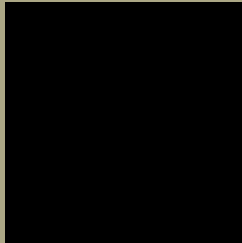
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9888, 0.3467, 0.3779

Background



This preview shows how black text looks on a background with the Yxy color 37.9888, 0.3467, 0.3779.



This preview shows how white text looks on a background with the Yxy color 37.9888, 0.3467, 0.3779.

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

37.9888, 0.3467, 0.3779

Protanopia

37.8063, 0.3532, 0.3759

Deuteranopia

37.7520, 0.3687, 0.3615



Tritanopia

37.7758, 0.3154, 0.3112

Trichromacy



Original Color

37.9888, 0.3467, 0.3779

Protanomaly

37.9371, 0.3509, 0.3775

Deuteranomaly

37.7522, 0.3604, 0.3678

Tritanomaly

37.6963, 0.3268, 0.3346

Monochromacy



Original Color

37.9888, 0.3467, 0.3779

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.4257, 0.3252, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9888, 0.3467, 0.3779 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, 167, 133)` looks like.

```
.text, #text, p{  
    color:rgb(171, 167, 133)  
}
```

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, 167, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 167, 133) }
```

Border

The CSS property to change the border of an element to Yxy 37.9888, 0.3467, 0.3779 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, 167, 133) }
```

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

```
.border{ border-color:rgb(171, 167, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 167, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 167, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 167, 133);  
box-shadow:4px 4px 4px 4px rgb(171, 167,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9888, 0.3467, 0.3779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 167, 133) }
```

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

```
.background{ background-color: rgb(171,  
167, 133) }
```

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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