

Converting Colors

Yxy(37.3756, 0.3513, 0.3833)

Have a look what the booklet for
Yxy(37.3756, 0.3513, 0.3833)
contains.

Yxy(37.4889, 0.3515, 0.3839) 3

Conversions 4

Details 6

Harmonies 12

Previews 24

Color Blindness Simulation 27

CSS Examples 30

Color

Yxy(37.4889, 0.3515, 0.3839)

Conversions

Conversions Part 1	
Format	Color
Hex	ABA680
RGB	171, 166, 128
RGB Percent	67%, 65%, 50%
CMY	0.3294, 0.3490, 0.4981
CMYK	0.00, 0.03, 0.25, 0.33
HSL	53°, 20%, 59%
HSV	53°, 25%, 67%
XYZ	34.3250, 37.4889, 25.8389
YIQ	163.1630, 15.1780, -10.7580

Conversions

Conversions Part 2

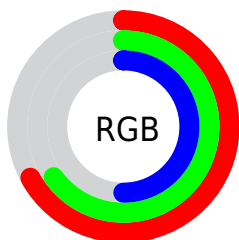
Format	Color
RYB	134, 171, 128
Decimal	11249280
CIELab	67.64, -4.46, 20.39
CIELCh	68, 20.871, 102.349
Yxy	37.4889, 0.3515, 0.3839
Android (android.graphics.Color)	4289439360 (0xFFABA680)
YUV	163.1630, -17.3354, 6.8730
Hunter-Lab	61.2282, -7.0810, 17.8387

Details

The Yxy color $37.4889, 0.3515, 0.3839$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $24.2916, 0.2711, 0.2674$, and the grayscale version is $36.7846, 0.3127, 0.3290$.

A 20% lighter version of the original color is $71.3800, 0.3444, 0.3732$, and $16.4507, 0.3622, 0.3999$ is the 20% darker color. If you saturate the color by 10%, you get $36.3623, 0.3677, 0.4059$, and if you desaturate by 10%, it is $38.7059, 0.3356, 0.3617$.

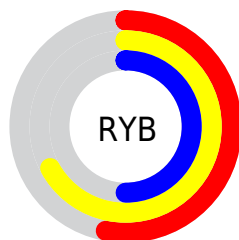
Distribution



Red (67%)

Green (65%)

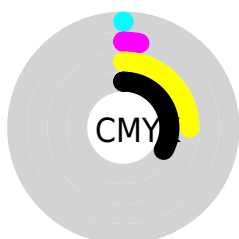
Blue (50%)



Red (53%)

Yellow (67%)

Blue (50%)

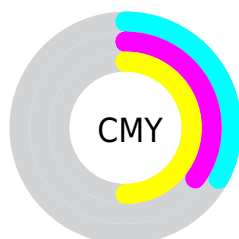


Cyan (0%)

Magenta (3%)

Yellow (25%)

Black (33%)



Cyan (33%)


Magenta (35%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.4889, 0.3515, 0.3839 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 37.4889, 0.3515, 0.3839 by changing the saturation by 10% instead.


 37.4889, 0.3515,
0.3839


 37.4889, 0.3515,
0.3839


335.4224, 0.3317,
0.3553

 25.5863, 0.3565,
0.3914


 71.3241, 0.3442,
0.3732

 16.5144, 0.3630,
0.4012


 94.0254, 0.3415,
0.3693

 9.8889, 0.3716,
0.4145


 121.0951, 0.3392,
0.3660

 5.3253, 0.3835,
0.4336

152.9175, 0.3373,
0.3632

 2.4394, 0.4020,
0.4645

189.8770, 0.3356,
0.3608

 0.8460, 0.4511,
0.5489


232.3581, 0.3341,


 0.0000, 0.0000,

0.3587


0.0000


280.7451, 0.3328,
0.3569

 37.4889, 0.3515,
0.3839


 37.4889, 0.3515,
0.3839


 36.3623, 0.3677,
0.4059


 38.7059, 0.3356,
0.3617


 35.3172, 0.3836,
0.4269

 40.0117, 0.3203,
0.3399


 34.3510, 0.3986,
0.4460

 41.4115, 0.3059,
0.3190


 33.4592, 0.4121,
0.4621


 42.9084, 0.2925,
0.2993


 32.6366, 0.4236,
0.4746


 44.5055, 0.2801,
0.2810


 31.8773, 0.4324,
0.4829

 46.2055, 0.2689,
0.2641

 31.1739, 0.4386,
0.4868

 48.0113, 0.2588,
0.2485

 30.8452, 0.4411,
0.4879

 49.2801, 0.2549,
0.2437

 50.0973, 0.2552,
0.2461

Harmonies

Analogous

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



37.4889, 0.3710, 0.3705



37.4889, 0.3515, 0.3839



37.4889, 0.3221, 0.3818

Triad

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



37.4889, 0.3515, 0.3839



37.4889, 0.2547, 0.3055



37.4889, 0.3328, 0.2980

Complementary

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



37.4889, 0.3515, 0.3839



24.2916, 0.2711, 0.2674

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.



37.4889, 0.3009, 0.2822



37.4889, 0.3515, 0.3839



37.4889, 0.2571, 0.2853

Square

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



37.4889, 0.3515, 0.3839



37.4889, 0.2668, 0.3343



37.4889, 0.2736, 0.2774



37.4889, 0.3602, 0.3214

Rectangle

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



37.4889, 0.3515, 0.3839



37.4889, 0.3011, 0.3710



37.4889, 0.2736, 0.2774



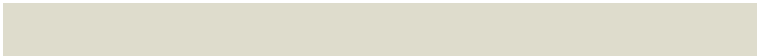
37.4889, 0.3222, 0.2917

Sweetspot

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



37.4906, 0.3515, 0.3839



70.9478, 0.3248, 0.3463



25.7819, 0.3585, 0.3216



15.7439, 0.3270, 0.3495



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.



37.4906, 0.3515, 0.3839



66.0428, 0.3602, 0.3958



37.6019, 0.3339, 0.3939



9.1692, 0.3265, 0.3489



23.3032, 0.4409, 0.4881



0.6921, 0.4335, 0.4940

Inverse Universe

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



24.2916, 0.2711, 0.2674



38.4624, 0.2610, 0.2520



24.3425, 0.2871, 0.2623



7.9013, 0.2986, 0.3083



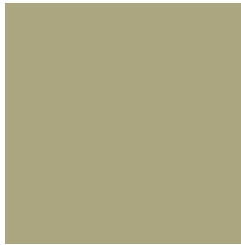
2.6314, 0.1528, 0.0699



0.1194, 0.1629, 0.1063

Previews

White Background



This preview shows how the Yxy color 37.4889, 0.3515, 0.3839 looks on a white background.

Color Contrast Check

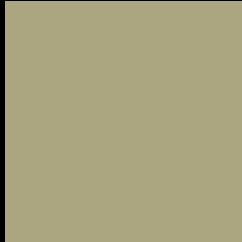
Large Text (above 18pt) WCAG AA × Fail

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 37.4889, 0.3515, 0.3839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

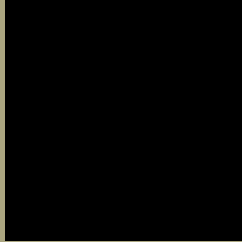
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

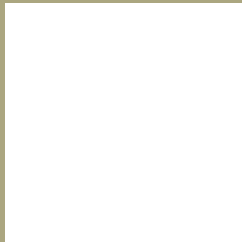
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.4889, 0.3515, 0.3839

Background



This preview shows how black text looks on a background with the Yxy color 37.4889, 0.3515, 0.3839.



This preview shows how white text looks on a background with the Yxy color 37.4889, 0.3515, 0.3839.

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

37.4889, 0.3515, 0.3839

Protanopia

37.3133, 0.3581, 0.3817

Deuteranopia

37.4029, 0.3751, 0.3668



Tritanopia

37.5059, 0.3174, 0.3112

Trichromacy



Original Color
37.4889, 0.3515, 0.3839

Protanomaly
37.4412, 0.3557, 0.3834

Deuteranomaly
37.3890, 0.3666, 0.3733

Tritanomaly
37.3889, 0.3297, 0.3361

Monochromacy



Original Color
37.4889, 0.3515, 0.3839

Achromatopsia
36.6253, 0.3127, 0.3290

Achromatomaly
36.8599, 0.3270, 0.3493

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4889, 0.3515, 0.3839 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, 166, 128)` looks like.

```
.text, #text, p{  
    color:rgb(171, 166, 128)  
}
```

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, 166, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 166, 128) }
```

Border

The CSS property to change the border of an element to Yxy 37.4889, 0.3515, 0.3839 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, 166, 128) }
```

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

```
.border{ border-color:rgb(171, 166, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 166, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 166, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 166, 128);  
box-shadow:4px 4px 4px 4px rgb(171, 166,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 37.4889, 0.3515, 0.3839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 166, 128) }
```

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

```
.background{ background-color: rgb(171,  
166, 128) }
```

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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