

Converting Colors

$Yxy(38.5014, 0.3402, 0.3744)$

Have a look what the booklet for
Yxy(38.5014, 0.3402, 0.3744)
contains.

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Color

Yxy(38.6171, 0.3406, 0.3751)

Conversions

Conversions Part 1

Format	Color
Hex	A9A989
RGB	169, 169, 137
RGB Percent	66%, 66%, 54%
CMY	0.3372, 0.3372, 0.4628
CMYK	0.00, 0.00, 0.19, 0.34
HSL	60°, 16%, 60%
HSV	60°, 19%, 66%
XYZ	35.0653, 38.6171, 29.2691
YIQ	165.3520, 10.2720, -9.9520

Conversions

Conversions Part 2

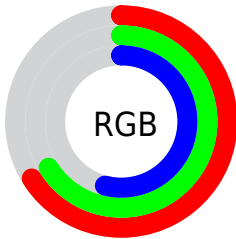
Format	Color
RYB	137, 169, 137
Decimal	11118985
CIELab	68.47, -5.50, 16.57
CIELCh	68, 17.457, 108.374
Yxy	38.6171, 0.3406, 0.3751
Android (android.graphics.Color)	4289309065 (0xFFA9A989)
YUV	165.3520, -13.9775, 3.1993
Hunter-Lab	62.1427, -8.0274, 15.5744

Details

The Yxy color **38.6171, 0.3406, 0.3751** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.0717, 0.2821, 0.2783**, and the grayscale version is **37.8701, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8763, 0.3354, 0.3665**, and **17.1926, 0.3493, 0.3896** is the 20% darker color. If you saturate the color by 10%, you get **38.1711, 0.3555, 0.3997**, and if you desaturate by 10%, it is **39.1425, 0.3257, 0.3505**.

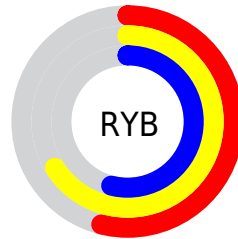
Distribution



Red (66%)

Green (66%)

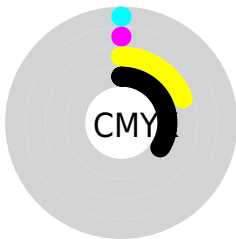
Blue (54%)



Red (54%)

Yellow (66%)

Blue (54%)

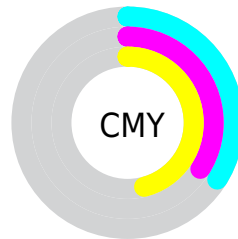


Cyan (0%)

Magenta (0%)

Yellow (19%)

Black (34%)



Cyan (34%)


Magenta (34%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.6171, 0.3406, 0.3751 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 38.6171, 0.3406, 0.3751 by changing the saturation by 10% instead.


 38.6171, 0.3406,
0.3751


 38.6171, 0.3406,
0.3751


340.2598, 0.3264,
0.3511

 26.4620, 0.3442,
0.3814


 73.0530, 0.3354,
0.3661

 17.1696, 0.3488,
0.3897


 96.1026, 0.3335,
0.3628

 10.3555, 0.3550,
0.4010


 123.5525, 0.3318,
0.3601

 5.6353, 0.3636,
0.4174

155.7870, 0.3304,
0.3577

 2.6246, 0.3760,
0.4430

193.1906, 0.3292,
0.3557

 0.9390, 0.4464,
0.5536

236.1477, 0.3282,

 0.0000, 0.0000,

0.3540

0.0000

285.0426, 0.3272,
0.3524

■ 38.6171, 0.3406,
0.3751

■ 38.6171, 0.3406,
0.3751

■ 38.1711, 0.3555,
0.3997

■ 39.1425, 0.3257,
0.3505

■ 37.7958, 0.3699,
0.4235

■ 39.7455, 0.3112,
0.3265

■ 37.4891, 0.3832,
0.4456

■ 40.4309, 0.2974,
0.3037

■ 37.2469, 0.3950,
0.4650

■ 41.2016, 0.2844,
0.2822

■ 37.0646, 0.4046,
0.4810

■ 42.0604, 0.2724,
0.2624

■ 36.9370, 0.4118,
0.4929

■ 43.0099, 0.2614,
0.2442

■ 36.8580, 0.4165,
0.5006

■ 44.0338, 0.2516,
0.2279

■ 36.8158, 0.4191,
0.5049

■ 44.0339, 0.2516,
0.2279

■ 36.8119, 0.4193,
0.5053

■ 44.0340, 0.2516,
0.2279

Harmonies

Analogous

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



38.6171, 0.3588, 0.3667



38.6171, 0.3406, 0.3751



38.6171, 0.3154, 0.3703

Triad

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



38.6171, 0.3406, 0.3751



38.6171, 0.2637, 0.3057



38.6171, 0.3345, 0.3067

Complementary

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



38.6171, 0.3406, 0.3751



26.0717, 0.2821, 0.2783

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.



38.6171, 0.3083, 0.2918



38.6171, 0.3406, 0.3751



38.6171, 0.2682, 0.2905

Square

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



38.6171, 0.3406, 0.3751



38.6171, 0.2716, 0.3286



38.6171, 0.2842, 0.2858



38.6171, 0.3554, 0.3272

Rectangle

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



38.6171, 0.3406, 0.3751



38.6171, 0.2982, 0.3597



38.6171, 0.2842, 0.2858



38.6171, 0.3260, 0.3009

Sweetspot

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



38.6188, 0.3406, 0.3751



70.3894, 0.3215, 0.3436



28.1305, 0.3489, 0.3291



15.3278, 0.3224, 0.3451



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.



38.6188, 0.3406, 0.3751



68.7852, 0.3473, 0.3862



36.9557, 0.3252, 0.3774



8.7738, 0.3262, 0.3513



27.4341, 0.4193, 0.5053



0.6675, 0.4193, 0.5053

Inverse Universe

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



26.0717, 0.2821, 0.2783



41.8746, 0.2738, 0.2647



27.5260, 0.2982, 0.2807



7.3006, 0.2986, 0.3057



2.1350, 0.1500, 0.0600



0.0520, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 38.6171, 0.3406, 0.3751 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 38.6171, 0.3406, 0.3751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

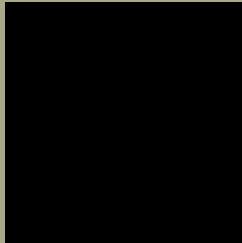
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

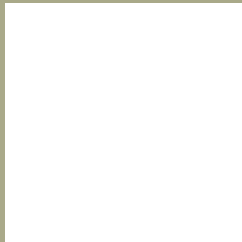
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.6171, 0.3406, 0.3751

Background



This preview shows how black text looks on a background with the Yxy color 38.6171, 0.3406, 0.3751.



This preview shows how white text looks on a background with the Yxy color 38.6171, 0.3406, 0.3751.

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

38.6171, 0.3406, 0.3751

Protanopia

38.7621, 0.3499, 0.3727

Deuteranopia

38.3431, 0.3655, 0.3573



Tritanopia

38.6842, 0.3116, 0.3126

Trichromacy



Original Color

38.6171, 0.3406, 0.3751

Protanomaly

38.7815, 0.3466, 0.3744

Deuteranomaly

38.2197, 0.3563, 0.3636

Tritanomaly

38.6517, 0.3218, 0.3346

Monochromacy



Original Color

38.6171, 0.3406, 0.3751

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.7460, 0.3223, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6171, 0.3406, 0.3751 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(169, 169, 137)` looks like.

```
.text, #text, p{  
    color:rgb(169, 169, 137)  
}
```

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(169, 169, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 169, 137) }
```

Border

The CSS property to change the border of an element to Yxy 38.6171, 0.3406, 0.3751 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(169, 169, 137) }
```

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

```
.border{ border-color:rgb(169, 169, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 169, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 169, 137); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 169, 137); box-shadow:4px 4px 4px 4px rgb(169, 169, 137) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6171, 0.3406, 0.3751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 169, 137) }
```

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

```
.background{ background-color: rgb(169,  
169, 137) }
```

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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