

Converting Colors

$Yxy(38.0177, 0.3484, 0.3695)$

Have a look what the booklet for
Yxy(38.0177, 0.3484, 0.3695)
contains.

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Color

Yxy(37.9465, 0.3486, 0.3687)

Conversions

Conversions Part 1

Format	Color
Hex	B0A589
RGB	176, 165, 137
RGB Percent	69%, 65%, 54%
CMY	0.3097, 0.3529, 0.4628
CMYK	0.00, 0.06, 0.22, 0.31
HSL	43°, 20%, 61%
HSV	43°, 22%, 69%
XYZ	35.8778, 37.9465, 29.0954
YIQ	165.0970, 15.5440, -6.3760

Conversions

Conversions Part 2

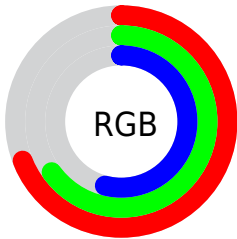
Format	Color
RYB	152, 176, 137
Decimal	11576713
CIELab	67.98, -0.63, 15.97
CIELCh	68, 15.987, 92.273
Yxy	37.9465, 0.3486, 0.3687
Android (android.graphics.Color)	4289766793 (0xFFB0A589)
YUV	165.0970, -13.8518, 9.5619
Hunter-Lab	61.6007, -3.8384, 15.1165

Details

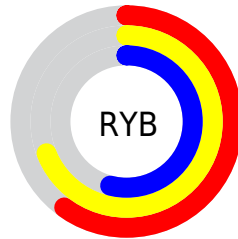
The Yxy color **37.9465, 0.3486, 0.3687** is a light color, and the websafe version is hex **999966**. A complement of this color would be **29.6362, 0.2773, 0.2859**, and the grayscale version is **37.7395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.0599, 0.3421, 0.3616**, and **16.7093, 0.3597, 0.3805** is the 20% darker color. If you saturate the color by 10%, you get **35.7251, 0.3668, 0.3873**, and if you desaturate by 10%, it is **40.3235, 0.3316, 0.3504**.

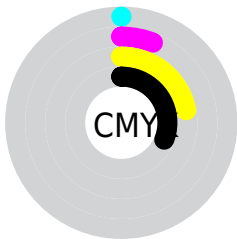
Distribution



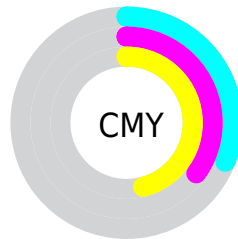
- Red (69%)
- Green (65%)
- Blue (54%)



- Red (60%)
- Yellow (69%)
- Blue (54%)



- Cyan (0%)
- Magenta (6%)
- Yellow (22%)
- Black (31%)





- Cyan (31%)
- Magenta (35%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9465, 0.3486, 0.3687 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 37.9465, 0.3486, 0.3687 by changing the saturation by 10% instead.


 37.9465, 0.3486,
0.3687


 37.9465, 0.3486,
0.3687

337.3904, 0.3301,
0.3482

 25.9412, 0.3534,
0.3740


 72.0261, 0.3418,
0.3611

 16.7796, 0.3596,
0.3810


 94.8692, 0.3392,
0.3583

 10.0775, 0.3680,
0.3904


 122.0937, 0.3371,
0.3559

 5.4504, 0.3800,
0.4038

154.0839, 0.3353,
0.3539

 2.5139, 0.3980,
0.4242

191.2243, 0.3337,
0.3522

 0.8836, 0.4827,
0.5173

233.8993, 0.3324,

 0.0000, 0.0000,

0.3507

0.0000

282.4932, 0.3312,
0.3494

■ 37.9465, 0.3486,
0.3687

■ 37.9465, 0.3486,
0.3687

■ 35.7251, 0.3668,
0.3873

■ 40.3235, 0.3316,
0.3504

■ 33.6492, 0.3859,
0.4054

■ 42.8554, 0.3159,
0.3327

■ 31.7157, 0.4053,
0.4223

■ 45.5481, 0.3017,
0.3160

■ 29.9188, 0.4244,
0.4370

■ 48.4058, 0.2889,
0.3004

■ 28.2525, 0.4422,
0.4484

■ 51.4322, 0.2774,
0.2860

■ 26.7098, 0.4580,
0.4556

■ 54.6311, 0.2671,
0.2727

■ 25.2828, 0.4710,
0.4580

■ 57.6663, 0.2607,
0.2658

■ 24.2344, 0.4796,
0.4574

■ 60.0034, 0.2614,
0.2717

■ 62.4160, 0.2621,
0.2775

Harmonies

Analogous

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



37.9465, 0.3595, 0.3559



37.9465, 0.3486, 0.3687



37.9465, 0.3282, 0.3709

Triad

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



37.9465, 0.3486, 0.3687



37.9465, 0.2700, 0.3184



37.9465, 0.3201, 0.3001

Complementary

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



37.9465, 0.3486, 0.3687



29.6362, 0.2773, 0.2859

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.



37.9465, 0.2961, 0.2905



37.9465, 0.3486, 0.3687



37.9465, 0.2679, 0.3000

Square

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



37.9465, 0.3486, 0.3687



37.9465, 0.2830, 0.3409



37.9465, 0.2773, 0.2902



37.9465, 0.3428, 0.3168

Rectangle

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



37.9465, 0.3486, 0.3687



37.9465, 0.3121, 0.3654



37.9465, 0.2773, 0.2902



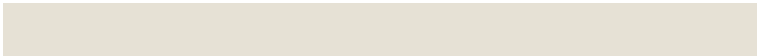
37.9465, 0.3119, 0.2960

Sweetspot

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



37.9482, 0.3486, 0.3687



75.3971, 0.3235, 0.3414



29.2603, 0.3446, 0.3131



16.2827, 0.3244, 0.3424



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



37.9482, 0.3486, 0.3687



66.6376, 0.3581, 0.3785



41.1421, 0.3376, 0.3847



9.4929, 0.3270, 0.3453



17.8794, 0.4788, 0.4580



0.6554, 0.4588, 0.4739

Inverse Universe

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



29.6362, 0.2773, 0.2859



48.6712, 0.2680, 0.2739



27.0837, 0.2842, 0.2697



8.6080, 0.2985, 0.3122



4.0428, 0.1606, 0.0980



0.2287, 0.1767, 0.1559

Previews

White Background



This preview shows how the Yxy color 37.9465, 0.3486, 0.3687 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 37.9465, 0.3486, 0.3687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

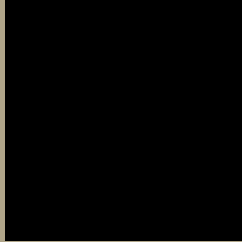
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9465, 0.3486, 0.3687

Background



This preview shows how black text looks on a background with the Yxy color 37.9465, 0.3486, 0.3687.

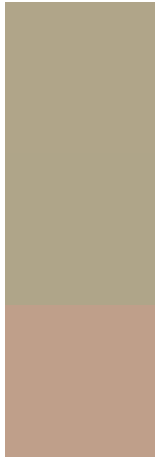


This preview shows how white text looks on a background with the Yxy color 37.9465, 0.3486, 0.3687.

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

37.9465, 0.3486, 0.3687

Protanopia

37.8304, 0.3476, 0.3688

Deuteranopia

37.7076, 0.3647, 0.3575



Tritanopia

37.9825, 0.3212, 0.3114

Trichromacy



Original Color

37.9465, 0.3486, 0.3687

Protanomaly

37.8304, 0.3476, 0.3688

Deuteranomaly

37.7638, 0.3590, 0.3607

Tritanomaly

37.9624, 0.3309, 0.3318

Monochromacy



Original Color

37.9465, 0.3486, 0.3687

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.7118, 0.3253, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9465, 0.3486, 0.3687 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(176, 165, 137)` looks like.

```
.text, #text, p{  
    color:rgb(176, 165, 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(176, 165, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 165, 137) }
```

Border

The CSS property to change the border of an element to Yxy 37.9465, 0.3486, 0.3687 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(176, 165, 137) }
```

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

```
.border{ border-color:rgb(176, 165, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 165, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 165, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 165, 137);  
box-shadow:4px 4px 4px 4px rgb(176, 165,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9465, 0.3486, 0.3687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 165, 137) }
```

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

```
.background{ background-color: rgb(176,  
165, 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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