

Converting Colors

$Yxy(37.8862, 0.3456, 0.3448)$

Have a look what the booklet for
Yxy(37.8862, 0.3456, 0.3448)
contains.

Yxy(37.8821, 0.3454, 0.3442)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.8821, 0.3454, 0.3442)

Conversions

Conversions Part 1

Format	Color
Hex	B8A196
RGB	184, 161, 150
RGB Percent	72%, 63%, 59%
CMY	0.2785, 0.3686, 0.4118
CMYK	0.00, 0.12, 0.18, 0.28
HSL	19°, 19%, 65%
HSV	19°, 18%, 72%
XYZ	38.0142, 37.8821, 34.1621
YIQ	166.6230, 17.2390, 1.4550

Conversions

Conversions Part 2

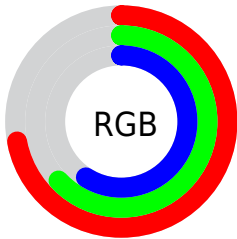
Format	Color
RYB	184, 166, 150
Decimal	12099990
CIELab	67.93, 6.61, 8.81
CIELCh	68, 11.012, 53.144
Yxy	37.8821, 0.3454, 0.3442
Android (android.graphics.Color)	4290290070 (0xFFB8A196)
YUV	166.6230, -8.1951, 15.2396
Hunter-Lab	61.5484, 2.5372, 10.1753

Details

The Yxy color **37.8821, 0.3454, 0.3442** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.8215, 0.2845, 0.3133**, and the grayscale version is **38.4851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.9966, 0.3389, 0.3418**, and **16.6634, 0.3569, 0.3481** is the 20% darker color. If you saturate the color by 10%, you get **33.2034, 0.3677, 0.3530**, and if you desaturate by 10%, it is **43.0898, 0.3265, 0.3358**.

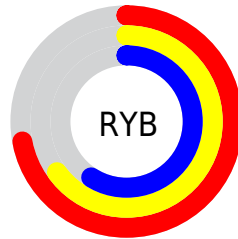
Distribution



Red (72%)

Green (63%)

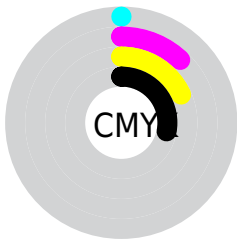
Blue (59%)



Red (72%)

Yellow (65%)

Blue (59%)

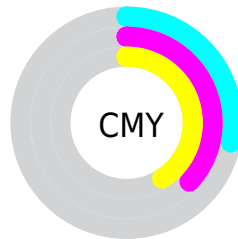


Cyan (0%)

Magenta (12%)

Yellow (18%)

Black (28%)



Cyan (28%)


Magenta (37%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.8821, 0.3454, 0.3442 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 37.8821, 0.3454, 0.3442 by changing the saturation by 10% instead.


 37.8821, 0.3454,
0.3442


 37.8821, 0.3454,
0.3442


337.1139, 0.3284,
0.3365

 25.8912, 0.3499,
0.3461


 71.9274, 0.3391,
0.3414

 16.7423, 0.3557,
0.3486

 94.7506, 0.3367,
0.3404

 10.0509, 0.3638,
0.3519


121.9533, 0.3348,
0.3395

 5.4327, 0.3756,
0.3565

153.9200, 0.3331,
0.3387

 2.5033, 0.3943,
0.3633

191.0350, 0.3317,
0.3381

 0.8783, 0.4521,
0.3949

233.6827, 0.3304,

 0.0000, 0.0000,

0.3375

0.0000

282.2476, 0.3294,
0.3370

■ 37.8821, 0.3454,
0.3442

■ 37.8821, 0.3454,
0.3442

■ 33.2034, 0.3677,
0.3530

■ 43.0898, 0.3265,
0.3358

■ 29.0316, 0.3936,
0.3618

■ 48.8374, 0.3104,
0.3278

■ 25.3506, 0.4233,
0.3702

■ 55.1420, 0.2969,
0.3205

■ 22.1414, 0.4564,
0.3771

■ 62.0184, 0.2853,
0.3138

■ 19.3838, 0.4917,
0.3817

■ 69.4808, 0.2755,
0.3077

■ 17.0560, 0.5271,
0.3826

■ 77.1907, 0.2699,
0.3077

■ 15.1337, 0.5595,
0.3789

■ 84.5895, 0.2713,
0.3214

■ 13.5866, 0.5862,
0.3709

■ 88.9285, 0.2721,
0.3289

■ 13.3791, 0.5901,
0.3696

Harmonies

Analogous

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



37.8821, 0.3412, 0.3304



37.8821, 0.3454, 0.3442



37.8821, 0.3406, 0.3545

Triad

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



37.8821, 0.3454, 0.3442



37.8821, 0.2962, 0.3417



37.8821, 0.2968, 0.3013

Complementary

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



37.8821, 0.3454, 0.3442



39.8215, 0.2845, 0.3133

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.



37.8821, 0.2853, 0.3035



37.8821, 0.3454, 0.3442



37.8821, 0.2850, 0.3265

Square

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



37.8821, 0.3454, 0.3442



37.8821, 0.3120, 0.3535



37.8821, 0.2811, 0.3126



37.8821, 0.3128, 0.3061

Rectangle

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



37.8821, 0.3454, 0.3442



37.8821, 0.3330, 0.3578



37.8821, 0.2811, 0.3126



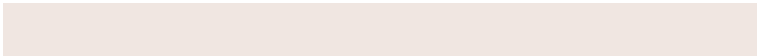
37.8821, 0.2923, 0.3012

Sweetspot

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



37.8838, 0.3454, 0.3442



80.5075, 0.3224, 0.3338



35.0270, 0.3250, 0.2977



17.2152, 0.3235, 0.3343



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



37.8838, 0.3454, 0.3442



65.2689, 0.3537, 0.3476



44.1335, 0.3415, 0.3663



9.4746, 0.3280, 0.3365



9.3382, 0.5879, 0.3714



0.4449, 0.5365, 0.4122

Inverse Universe

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



39.8215, 0.2845, 0.3133



69.4041, 0.2786, 0.3096



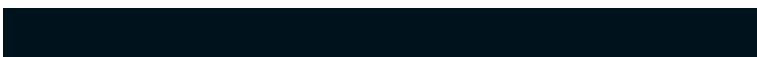
33.7985, 0.2832, 0.2887



9.7068, 0.2985, 0.3214



12.5200, 0.1947, 0.2211



0.5486, 0.2034, 0.2522

Previews

White Background



This preview shows how the Yxy color 37.8821, 0.3454, 0.3442 looks on a white background.

Color Contrast Check

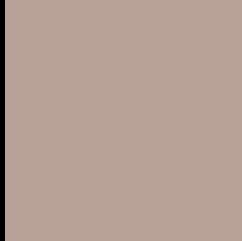
Large Text (above 18pt) WCAG AA × Fail

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 37.8821, 0.3454, 0.3442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

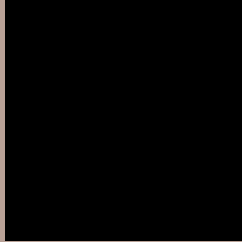
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.8821, 0.3454, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 37.8821, 0.3454, 0.3442.



This preview shows how white text looks on a background with the Yxy color 37.8821, 0.3454, 0.3442.

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

37.8821, 0.3454, 0.3442

Protanopia

37.9479, 0.3309, 0.3475

Deuteranopia

37.9084, 0.3487, 0.3427



Tritanopia

37.9208, 0.3300, 0.3130

Trichromacy



Original Color

37.8821, 0.3454, 0.3442

Protanomaly

38.0154, 0.3359, 0.3473

Deuteranomaly

37.7827, 0.3477, 0.3427

Tritanomaly

37.8797, 0.3355, 0.3237

Monochromacy



Original Color

37.8821, 0.3454, 0.3442

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.3677, 0.3238, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8821, 0.3454, 0.3442 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(184, 161, 150)` looks like.

```
.text, #text, p{  
    color:rgb(184, 161, 150)  
}
```

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(184, 161, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 161, 150) }
```

Border

The CSS property to change the border of an element to Yxy 37.8821, 0.3454, 0.3442 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(184, 161, 150) }
```

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

```
.border{ border-color:rgb(184, 161, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 161, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 161, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 161, 150);  
box-shadow:4px 4px 4px 4px rgb(184, 161,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8821, 0.3454, 0.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 161, 150) }
```

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

```
.background{ background-color: rgb(184,  
161, 150) }
```

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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