

Converting Colors

$Yxy(37.9579, 0.3288, 0.3837)$

Have a look what the booklet for
Yxy(37.9579, 0.3288, 0.3837)
contains.

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Color

Yxy(37.8437, 0.3284, 0.3830)

Conversions

Conversions Part 1

Format	Color
Hex	9BAB87
RGB	155, 171, 135
RGB Percent	61%, 67%, 53%
CMY	0.3923, 0.3294, 0.4706
CMYK	0.09, 0.00, 0.21, 0.33
HSL	87°, 18%, 60%
HSV	87°, 21%, 67%
XYZ	32.4487, 37.8437, 28.5162
YIQ	162.1120, 2.0200, -14.5880

Conversions

Conversions Part 2

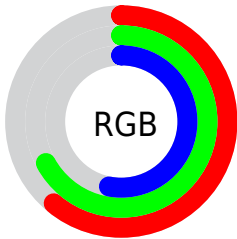
Format	Color
RYB	135, 171, 151
Decimal	10201991
CIELab	67.91, -12.21, 16.70
CIElCh	68, 20.689, 126.157
Yxy	37.8437, 0.3284, 0.3830
Android (android.graphics.Color)	4288392071 (0xFF9BAB87)
YUV	162.1120, -13.3662, -6.2372
Hunter-Lab	61.5172, -13.5010, 15.5783

Details

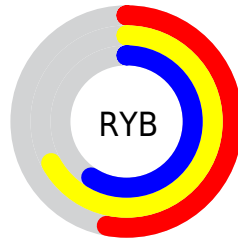
The Yxy color **37.8437, 0.3284, 0.3830** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.8533, 0.2942, 0.2745**, and the grayscale version is **36.2479, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.7252, 0.3262, 0.3722**, and **16.7926, 0.3333, 0.4014** is the 20% darker color. If you saturate the color by 10%, you get **36.6715, 0.3355, 0.4111**, and if you desaturate by 10%, it is **39.1442, 0.3210, 0.3563**.

Distribution



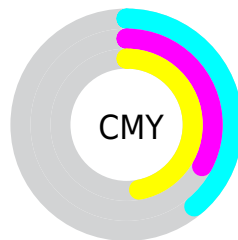
- Red (61%)
- Green (67%)
- Blue (53%)



- Red (53%)
- Yellow (67%)
- Blue (59%)



- Cyan (9%)
- Magenta (0%)
- Yellow (21%)
- Black (33%)




- Cyan (39%)
- Magenta (33%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.8437, 0.3284, 0.3830 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 37.8437, 0.3284, 0.3830 by changing the saturation by 10% instead.

 37.8437, 0.3284,
0.3830


 37.8437, 0.3284,
0.3830


336.9490, 0.3207,
0.3544


 25.8614, 0.3303,
0.3907


 71.8685, 0.3256,
0.3722

 16.7200, 0.3326,
0.4009

 94.6798, 0.3246,
0.3683

 10.0350, 0.3355,
0.4151


 121.8696, 0.3237,
0.3650

 5.4222, 0.3393,
0.4360

153.8222, 0.3229,
0.3622

 2.4971, 0.3438,
0.4698

190.9220, 0.3222,
0.3599

 0.8752, 0.3789,
0.6211

233.5535, 0.3217,

 0.0000, 0.0000,

0.3578

0.0000

282.1011, 0.3211,
0.3560

■ 37.8437, 0.3284,
0.3830

■ 37.8437, 0.3284,
0.3830

■ 36.6715, 0.3355,
0.4111

■ 39.1442, 0.3210,
0.3563

■ 35.6180, 0.3418,
0.4399

■ 40.5723, 0.3135,
0.3315

■ 34.6801, 0.3470,
0.4684

■ 42.1337, 0.3062,
0.3087

■ 33.8524, 0.3505,
0.4955

■ 43.8323, 0.2991,
0.2881

■ 33.1292, 0.3521,
0.5197

■ 45.6717, 0.2924,
0.2694

■ 32.5038, 0.3515,
0.5397

■ 47.6556, 0.2861,
0.2528

■ 31.9688, 0.3486,
0.5547

■ 49.7873, 0.2803,
0.2378

■ 31.5534, 0.3447,
0.5645

■ 50.9394, 0.2859,
0.2391

■ 52.1267, 0.2918,
0.2406

Harmonies

Analogous

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



37.8437, 0.3561, 0.3816



37.8437, 0.3284, 0.3830



37.8437, 0.2974, 0.3677

Triad

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



37.8437, 0.3284, 0.3830



37.8437, 0.2560, 0.2890



37.8437, 0.3549, 0.3163

Complementary

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



37.8437, 0.3284, 0.3830



26.8533, 0.2942, 0.2745

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.



37.8437, 0.3261, 0.2944



37.8437, 0.3284, 0.3830



37.8437, 0.2696, 0.2785

Square

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



37.8437, 0.3284, 0.3830



37.8437, 0.2567, 0.3112



37.8437, 0.2948, 0.2808



37.8437, 0.3722, 0.3420

Rectangle

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



37.8437, 0.3284, 0.3830



37.8437, 0.2791, 0.3503



37.8437, 0.2948, 0.2808



37.8437, 0.3462, 0.3083

Sweetspot

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



37.8453, 0.3284, 0.3830



71.3300, 0.3173, 0.3438



32.4156, 0.3494, 0.3521



15.8713, 0.3177, 0.3454



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.



37.8453, 0.3284, 0.3830



66.8188, 0.3316, 0.3952



36.2326, 0.3122, 0.3858



9.1500, 0.3197, 0.3519



23.8141, 0.3453, 0.5640



0.6943, 0.3677, 0.5463

Inverse Universe

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



26.8533, 0.2942, 0.2745



43.7691, 0.2896, 0.2620



28.6615, 0.3126, 0.2774



7.9253, 0.3053, 0.3060



3.4114, 0.1938, 0.0841



0.1277, 0.2299, 0.1040

Previews

White Background



This preview shows how the Yxy color 37.8437, 0.3284, 0.3830 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 37.8437, 0.3284, 0.3830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

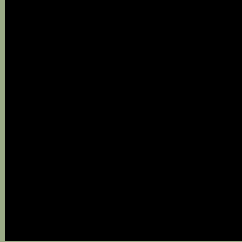
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

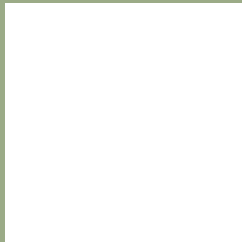
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.8437, 0.3284, 0.3830

Background



This preview shows how black text looks on a background with the Yxy color 37.8437, 0.3284, 0.3830.



This preview shows how white text looks on a background with the Yxy color 37.8437, 0.3284, 0.3830.

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

37.8437, 0.3284, 0.3830

Protanopia

37.6902, 0.3522, 0.3760

Deuteranopia

37.7076, 0.3647, 0.3575



Tritanopia

37.7017, 0.2981, 0.3106

Trichromacy



Original Color

37.8437, 0.3284, 0.3830

Protanomaly

37.6557, 0.3437, 0.3784

Deuteranomaly

37.4655, 0.3512, 0.3657

Tritanomaly

37.6170, 0.3096, 0.3362

Monochromacy



Original Color

37.8437, 0.3284, 0.3830

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.5482, 0.3184, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.8437, 0.3284, 0.3830 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(155, 171, 135)` looks like.

```
.text, #text, p{  
    color:rgb(155, 171, 135)  
}
```

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(155, 171, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 171, 135) }
```

Border

The CSS property to change the border of an element to Yxy 37.8437, 0.3284, 0.3830 is called "border". The border property can be set on classes, ids or directly on the HTML element.

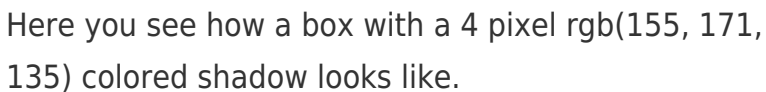
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 171, 135) }
```

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

```
.border{ border-color:rgb(155, 171, 135) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 171, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 171, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 171, 135); box-shadow:4px 4px 4px 4px rgb(155, 171, 135) }
```


Background

The CSS property to change the background color of an element to Yxy 37.8437, 0.3284, 0.3830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 171, 135) }
```

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

```
.background{ background-color: rgb(155,  
171, 135) }
```

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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