

Converting Colors

$Yxy(37.2218, 0.3424, 0.3547)$

Have a look what the booklet for
Yxy(37.2218, 0.3424, 0.3547)
contains.

Yxy(37.0844, 0.3428, 0.3545)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.0844, 0.3428, 0.3545)

Conversions

Conversions Part 1

Format	Color
Hex	B0A290
RGB	176, 162, 144
RGB Percent	69%, 64%, 56%
CMY	0.3098, 0.3647, 0.4352
CMYK	0.00, 0.08, 0.18, 0.31
HSL	34°, 17%, 63%
HSV	34°, 18%, 69%
XYZ	35.8605, 37.0844, 31.6656
YIQ	164.1340, 14.1220, -2.6300

Conversions

Conversions Part 2

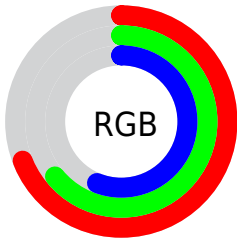
Format	Color
RYB	169, 176, 144
Decimal	11575952
CIELab	67.34, 2.07, 11.18
CIElCh	67, 11.373, 79.513
Yxy	37.0844, 0.3428, 0.3545
Android (android.graphics.Color)	4289766032 (0xFFB0A290)
YUV	164.1340, -9.9261, 10.4065
Hunter-Lab	60.8970, -1.4562, 11.7979

Details

The Yxy color **37.0844, 0.3428, 0.3545** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.5299, 0.2845, 0.3021**, and the grayscale version is **37.2362, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.8587, 0.3370, 0.3497**, and **16.1710, 0.3518, 0.3608** is the 20% darker color. If you saturate the color by 10%, you get **33.9567, 0.3622, 0.3693**, and if you desaturate by 10%, it is **40.4657, 0.3254, 0.3402**.

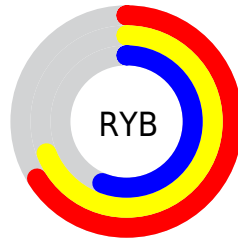
Distribution



Red (69%)

Green (64%)

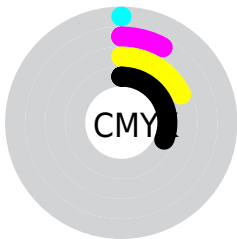
Blue (56%)



Red (66%)

Yellow (69%)

Blue (56%)

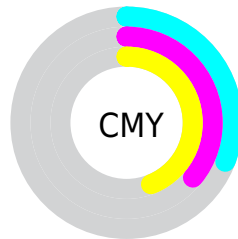


Cyan (0%)

Magenta (8%)

Yellow (18%)

Black (31%)



Cyan (31%)

Magenta (36%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.0844, 0.3428, 0.3545 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 37.0844, 0.3428, 0.3545 by changing the saturation by 10% instead.


 37.0844, 0.3428,
0.3545


 37.0844, 0.3428,
0.3545


333.6758, 0.3272,
0.3414

 25.2728, 0.3469,
0.3579


 70.7026, 0.3370,
0.3496

 16.2805, 0.3523,
0.3624


 93.2780, 0.3348,
0.3478

 9.7228, 0.3597,
0.3684


120.2101, 0.3330,
0.3463

 5.2156, 0.3705,
0.3771

151.8834, 0.3315,
0.3450

 2.3743, 0.3874,
0.3905

188.6822, 0.3302,
0.3439

 0.8126, 0.4733,
0.4674

230.9910, 0.3290,

 0.0000, 0.0000,

0.3430

0.0000

279.1940, 0.3280,
0.3421

■ 37.0844, 0.3428,
0.3545

■ 37.0844, 0.3428,
0.3545

■ 33.9567, 0.3622,
0.3693

■ 40.4657, 0.3254,
0.3402

■ 31.0708, 0.3836,
0.3842

■ 44.1022, 0.3100,
0.3266

■ 28.4212, 0.4067,
0.3984

■ 48.0016, 0.2964,
0.3139

■ 26.0001, 0.4310,
0.4110

■ 52.1701, 0.2845,
0.3021

■ 23.7993, 0.4556,
0.4209

■ 56.6133, 0.2740,
0.2913

■ 21.8099, 0.4792,
0.4270

■ 61.3368, 0.2648,
0.2814

■ 20.0215, 0.5006,
0.4282

■ 65.5329, 0.2629,
0.2848

■ 18.4197, 0.5188,
0.4245

■ 69.5731, 0.2640,
0.2938

■ 18.1423, 0.5221,
0.4236

■ 73.8010, 0.2650,
0.3026

Harmonies

Analogous

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



37.0844, 0.3467, 0.3432



37.0844, 0.3428, 0.3545



37.0844, 0.3307, 0.3593

Triad

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



37.0844, 0.3428, 0.3545



37.0844, 0.2850, 0.3284



37.0844, 0.3106, 0.3043

Complementary

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



37.0844, 0.3428, 0.3545



33.5299, 0.2845, 0.3021

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.



37.0844, 0.2944, 0.3001



37.0844, 0.3428, 0.3545



37.0844, 0.2799, 0.3134

Square

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



37.0844, 0.3428, 0.3545



37.0844, 0.2974, 0.3440



37.0844, 0.2833, 0.3033



37.0844, 0.3278, 0.3146

Rectangle

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



37.0844, 0.3428, 0.3545



37.0844, 0.3199, 0.3577



37.0844, 0.2833, 0.3033



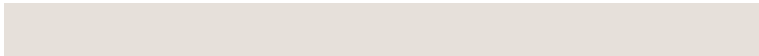
37.0844, 0.3049, 0.3021

Sweetspot

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



37.0861, 0.3428, 0.3545



75.3711, 0.3205, 0.3359



31.6690, 0.3322, 0.3086



16.2378, 0.3216, 0.3368



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.



37.0861, 0.3428, 0.3545



64.8121, 0.3507, 0.3607



42.1096, 0.3380, 0.3735



9.2713, 0.3274, 0.3418



13.4296, 0.5207, 0.4247



0.5363, 0.4854, 0.4528

Inverse Universe

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



33.5299, 0.2845, 0.3021



57.0976, 0.2776, 0.2951



29.1677, 0.2849, 0.2807



8.8220, 0.2985, 0.3159



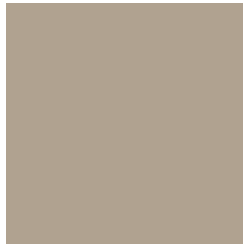
6.3129, 0.1723, 0.1402



0.3155, 0.1877, 0.1958

Previews

White Background



This preview shows how the Yxy color 37.0844, 0.3428, 0.3545 looks on a white background.

Color Contrast Check

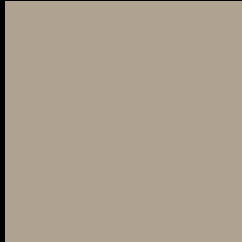
Large Text (above 18pt) WCAG AA × Fail

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 37.0844, 0.3428, 0.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

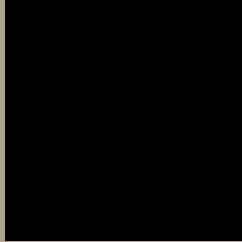
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

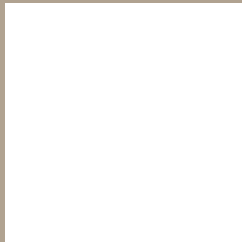
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.0844, 0.3428, 0.3545

Background



This preview shows how black text looks on a background with the Yxy color 37.0844, 0.3428, 0.3545.



This preview shows how white text looks on a background with the Yxy color 37.0844, 0.3428, 0.3545.

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

37.0844, 0.3428, 0.3545

Protanopia

37.2532, 0.3365, 0.3563

Deuteranopia

37.0628, 0.3541, 0.3469



Tritanopia

36.9777, 0.3213, 0.3113

Trichromacy



Original Color

37.0844, 0.3428, 0.3545

Protanomaly

37.1230, 0.3387, 0.3547

Deuteranomaly

36.9079, 0.3497, 0.3485

Tritanomaly

36.8345, 0.3294, 0.3263

Monochromacy



Original Color

37.0844, 0.3428, 0.3545

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.9535, 0.3228, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0844, 0.3428, 0.3545 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, 162, 144)` looks like.

```
.text, #text, p{  
    color:rgb(176, 162, 144)  
}
```

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, 162, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 162, 144) }
```

Border

The CSS property to change the border of an element to Yxy 37.0844, 0.3428, 0.3545 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, 162, 144) }
```

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

```
.border{ border-color:rgb(176, 162, 144) }
```

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

Here you see how a box with a 4 pixel rgb(176, 162, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 162, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 162, 144);  
box-shadow:4px 4px 4px 4px rgb(176, 162,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0844, 0.3428, 0.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 162, 144) }
```

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

```
.background{ background-color: rgb(176,  
162, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor