

Converting Colors

$Yxy(37.1840, 0.3485, 0.3409)$

Have a look what the booklet for
Yxy(37.1840, 0.3485, 0.3409)
contains.

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Color

Yxy(37.0948, 0.3482, 0.3400)

Conversions

Conversions Part 1

Format	Color
Hex	BA9E96
RGB	186, 158, 150
RGB Percent	73%, 62%, 59%
CMY	0.2704, 0.3804, 0.4117
CMYK	0.00, 0.15, 0.19, 0.27
HSL	13°, 21%, 66%
HSV	13°, 19%, 73%
XYZ	37.9894, 37.0948, 34.0181
YIQ	165.4600, 19.2560, 3.4480

Conversions

Conversions Part 2

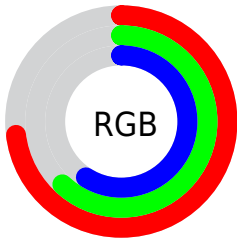
Format	Color
RYB	186, 160, 150
Decimal	12230294
CIELab	67.35, 9.05, 7.99
CIELCh	67, 12.074, 41.454
Yxy	37.0948, 0.3482, 0.3400
Android (android.graphics.Color)	4290420374 (0xFFBA9E96)
YUV	165.4600, -7.6218, 18.0136
Hunter-Lab	60.9055, 4.7537, 9.5181

Details

The Yxy color **37.0948, 0.3482, 0.3400** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.8993, 0.2835, 0.3177**, and the grayscale version is **37.8926, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.8254, 0.3409, 0.3386**, and **16.3218, 0.3592, 0.3443** is the 20% darker color. If you saturate the color by 10%, you get **31.8901, 0.3721, 0.3461**, and if you desaturate by 10%, it is **42.9806, 0.3283, 0.3341**.

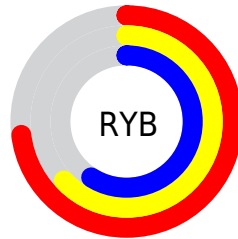
Distribution



Red (73%)

Green (62%)

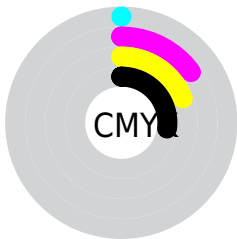
Blue (59%)



Red (73%)

Yellow (63%)

Blue (59%)

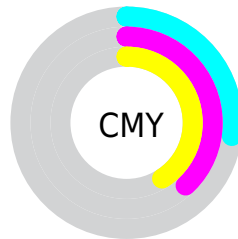


Cyan (0%)

Magenta (15%)

Yellow (19%)

Black (27%)



Cyan (27%)


Magenta (38%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.0948, 0.3482, 0.3400 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 37.0948, 0.3482, 0.3400 by changing the saturation by 10% instead.


 37.0948, 0.3482,
0.3400


 37.0948, 0.3482,
0.3400


333.7208, 0.3297,
0.3345

 25.2809, 0.3531,
0.3413


 70.7186, 0.3413,
0.3380

 16.2865, 0.3596,
0.3431


 93.2972, 0.3387,
0.3373

 9.7271, 0.3685,
0.3453


120.2329, 0.3366,
0.3366

 5.2184, 0.3815,
0.3483

151.9100, 0.3348,
0.3361

 2.3760, 0.4024,
0.3526

188.7130, 0.3332,
0.3356

 0.8135, 0.4681,
0.3794


231.0262, 0.3319,


 0.0000, 0.0000,


0.3352


0.0000

279.2340, 0.3307,
0.3349


 37.0948, 0.3482,
0.3400


 37.0948, 0.3482,
0.3400


 31.8901, 0.3721,
0.3461


 42.9806, 0.3283,
0.3341


 27.3368, 0.4004,
0.3522


 49.5657, 0.3118,
0.3287


 23.4104, 0.4335,
0.3578

 56.8741, 0.2980,
0.3236

 20.0831, 0.4708,
0.3621

 64.9271, 0.2865,
0.3190

 17.3246, 0.5108,
0.3644

 73.7449, 0.2769,
0.3148

■ 15.1021, 0.5505,
0.3635

■ 82.9121, 0.2721,
0.3180

■ 13.3792, 0.5853,
0.3588

■ 89.1840, 0.2731,
0.3289

■ 12.1096, 0.6121,
0.3513

■ 12.0421, 0.6137,
0.3509

Harmonies

Analogous

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



37.0948, 0.3398, 0.3244



37.0948, 0.3482, 0.3400



37.0948, 0.3467, 0.3533

Triad

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



37.0948, 0.3482, 0.3400



37.0948, 0.3009, 0.3489



37.0948, 0.2894, 0.2985

Complementary

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



37.0948, 0.3482, 0.3400



41.8993, 0.2835, 0.3177

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.



37.0948, 0.2797, 0.3039



37.0948, 0.3482, 0.3400



37.0948, 0.2862, 0.3329

Square

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



37.0948, 0.3482, 0.3400



37.0948, 0.3191, 0.3592



37.0948, 0.2785, 0.3163



37.0948, 0.3055, 0.3009

Rectangle

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



37.0948, 0.3482, 0.3400



37.0948, 0.3404, 0.3591



37.0948, 0.2785, 0.3163



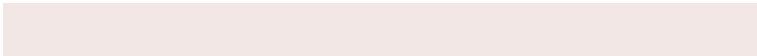
37.0948, 0.2853, 0.2994

Sweetspot

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



37.0965, 0.3482, 0.3400



81.6210, 0.3226, 0.3323



35.4855, 0.3222, 0.2915



17.8062, 0.3237, 0.3327



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



37.0965, 0.3482, 0.3400



63.2740, 0.3573, 0.3424



43.6315, 0.3438, 0.3636



9.3260, 0.3282, 0.3341



8.1918, 0.6116, 0.3526



0.3824, 0.5617, 0.3922

Inverse Universe

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



41.8993, 0.2835, 0.3177



73.4796, 0.2776, 0.3151



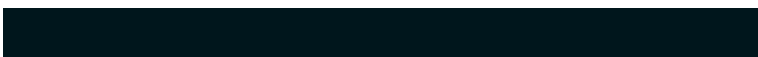
35.2512, 0.2819, 0.2918



9.8642, 0.2985, 0.3238



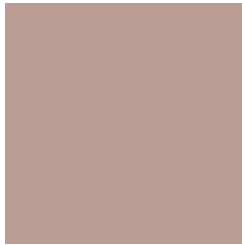
16.0893, 0.2048, 0.2571



0.6519, 0.2105, 0.2777

Previews

White Background



This preview shows how the Yxy color 37.0948, 0.3482, 0.3400 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 37.0948, 0.3482, 0.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

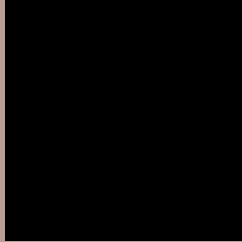
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.0948, 0.3482, 0.3400

Background



This preview shows how black text looks on a background with the Yxy color 37.0948, 0.3482, 0.3400.



This preview shows how white text looks on a background with the Yxy color 37.0948, 0.3482, 0.3400.

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

37.0948, 0.3482, 0.3400

Protanopia

37.3969, 0.3282, 0.3447

Deuteranopia

36.9700, 0.3472, 0.3401



Tritanopia

36.9241, 0.3343, 0.3130

Trichromacy



Original Color

37.0948, 0.3482, 0.3400

Protanomaly

37.3378, 0.3353, 0.3431

Deuteranomaly

36.9700, 0.3472, 0.3401

Tritanomaly

36.9149, 0.3389, 0.3223

Monochromacy



Original Color

37.0948, 0.3482, 0.3400

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.2630, 0.3250, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0948, 0.3482, 0.3400 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(186, 158, 150)` looks like.

```
.text, #text, p{  
    color:rgb(186, 158, 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(186, 158, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 158, 150) }
```

Border

The CSS property to change the border of an element to Yxy 37.0948, 0.3482, 0.3400 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(186, 158, 150) }
```

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

```
.border{ border-color:rgb(186, 158, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 158, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 158, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 158, 150);  
box-shadow:4px 4px 4px 4px rgb(186, 158,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0948, 0.3482, 0.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 158, 150) }
```

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

```
.background{ background-color: rgb(186,  
158, 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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