

Converting Colors

$Y_{xy}(37.2373, 0.3547, 0.3743)$

Have a look what the booklet for
Yxy(37.2373, 0.3547, 0.3743)
contains.

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Color

Yxy(37.0632, 0.3548, 0.3746)

Conversions

Conversions Part 1

Format	Color
Hex	B0A383
RGB	176, 163, 131
RGB Percent	69%, 64%, 51%
CMY	0.3097, 0.3608, 0.4863
CMYK	0.00, 0.07, 0.26, 0.31
HSL	43°, 22%, 60%
HSV	43°, 26%, 69%
XYZ	35.1042, 37.0632, 26.7734
YIQ	163.2390, 18.0200, -7.1960

Conversions

Conversions Part 2

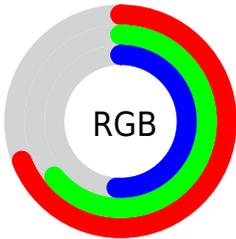
Format	Color
RYB	149, 176, 131
Decimal	11576195
CIELab	67.32, -0.42, 18.36
CIELCh	67, 18.370, 91.308
Yxy	37.0632, 0.3548, 0.3746
Android (android.graphics.Color)	4289766275 (0xFFB0A383)
YUV	163.2390, -15.8938, 11.1914
Hunter-Lab	60.8796, -3.6131, 16.5414

Details

The Yxy color **37.0632, 0.3548, 0.3746** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.9185, 0.2714, 0.2788**, and the grayscale version is **36.8174, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7593, 0.3467, 0.3662**, and **16.1739, 0.3686, 0.3887** is the 20% darker color. If you saturate the color by 10%, you get **34.8535, 0.3735, 0.3929**, and if you desaturate by 10%, it is **39.4303, 0.3373, 0.3563**.

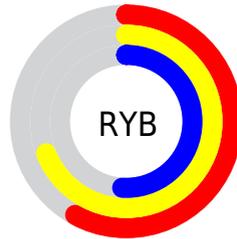
Distribution



Red (69%)

Green (64%)

Blue (51%)



Red (58%)

Yellow (69%)

Blue (51%)

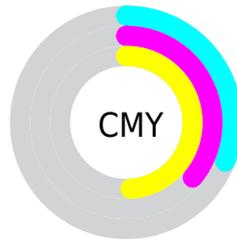


Cyan (0%)

Magenta (7%)

Yellow (26%)

Black (31%)



Cyan (31%)

Magenta (36%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.0632, 0.3548, 0.3746 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 37.0632, 0.3548, 0.3746 by changing the saturation by 10% instead.

 37.0632, 0.3548,
0.3746

 37.0632, 0.3548,
0.3746

333.5841, 0.3330,
0.3510

 25.2564, 0.3604,
0.3807

 70.6700, 0.3467,
0.3658

 16.2682, 0.3677,
0.3887

 93.2388, 0.3438,
0.3626

 9.7141, 0.3776,
0.3995

 120.1637, 0.3413,
0.3599

 5.2098, 0.3916,
0.4148

151.8291, 0.3391,
0.3576

 2.3709, 0.4130,
0.4383

188.6195, 0.3373,
0.3556

 0.8109, 0.4840,
0.5160

230.9192, 0.3357,

 0.0000, 0.0000,

0.3539

0.0000

279.1126, 0.3343,
0.3523

■ 37.0632, 0.3548,
0.3746

■ 37.0632, 0.3548,
0.3746

■ 34.8535, 0.3735,
0.3929

■ 39.4303, 0.3373,
0.3563

■ 32.7913, 0.3929,
0.4106

■ 41.9545, 0.3211,
0.3386

■ 30.8728, 0.4125,
0.4268

■ 44.6418, 0.3064,
0.3217

■ 29.0924, 0.4315,
0.4403

■ 47.4964, 0.2931,
0.3059

■ 27.4437, 0.4490,
0.4503

■ 50.5223, 0.2812,
0.2912

 25.9192, 0.4642,
0.4558

 53.7232, 0.2705,
0.2776

 24.5100, 0.4764,
0.4564

 57.1029, 0.2610,
0.2652

 23.9167, 0.4814,
0.4559

 59.5335, 0.2613,
0.2705

 61.9932, 0.2620,
0.2765

Harmonies

Analogous

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



37.0632, 0.3671, 0.3592



37.0632, 0.3548, 0.3746



37.0632, 0.3313, 0.3779

Triad

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



37.0632, 0.3548, 0.3746



37.0632, 0.2637, 0.3173



37.0632, 0.3202, 0.2953

Complementary

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



37.0632, 0.3548, 0.3746



27.9185, 0.2714, 0.2788

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.



37.0632, 0.2926, 0.2845



37.0632, 0.3548, 0.3746



37.0632, 0.2610, 0.2959

Square

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



37.0632, 0.3548, 0.3746



37.0632, 0.2790, 0.3436



37.0632, 0.2713, 0.2844



37.0632, 0.3468, 0.3142

Rectangle

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



37.0632, 0.3548, 0.3746



37.0632, 0.3128, 0.3719



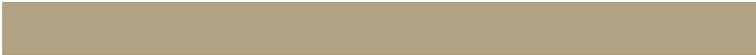
37.0632, 0.2713, 0.2844



37.0632, 0.3107, 0.2907

Sweetspot

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



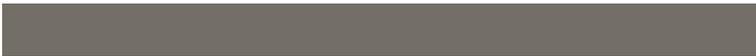
37.0649, 0.3548, 0.3746



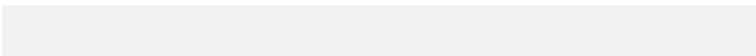
74.8604, 0.3251, 0.3430



27.4942, 0.3500, 0.3094



16.0750, 0.3275, 0.3456



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.



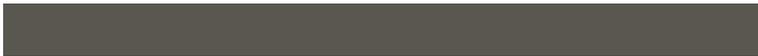
37.0649, 0.3548, 0.3746



64.7719, 0.3658, 0.3856



40.9224, 0.3421, 0.3935



9.4826, 0.3270, 0.3451



17.6443, 0.4806, 0.4566



0.6495, 0.4599, 0.4730

Inverse Universe

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



27.9185, 0.2714, 0.2788



45.2135, 0.2608, 0.2650



24.9423, 0.2783, 0.2592



8.6178, 0.2985, 0.3124



4.1242, 0.1610, 0.0997



0.2327, 0.1772, 0.1579

Previews

White Background



This preview shows how the Yxy color 37.0632, 0.3548, 0.3746 looks on a white background.

Color Contrast Check

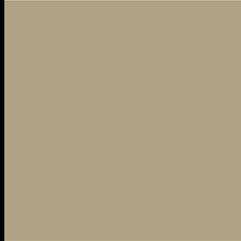
Large Text (above 18pt) WCAG AA × Fail

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 37.0632, 0.3548, 0.3746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

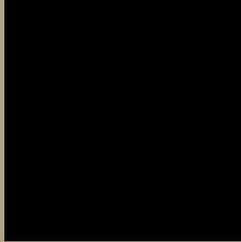
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

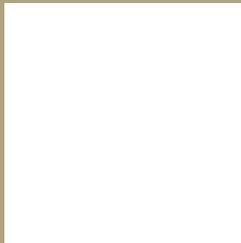
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.0632, 0.3548, 0.3746

Background



This preview shows how black text looks on a background with the Yxy color 37.0632, 0.3548, 0.3746.



This preview shows how white text looks on a background with the Yxy color 37.0632, 0.3548, 0.3746.

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

37.0632, 0.3548, 0.3746

Protanopia

37.1883, 0.3524, 0.3763

Deuteranopia

36.8563, 0.3714, 0.3630



Tritanopia

37.1798, 0.3241, 0.3127

Trichromacy



Original Color

37.0632, 0.3548, 0.3746

Protanomaly

37.3036, 0.3534, 0.3761

Deuteranomaly

36.9013, 0.3655, 0.3664

Tritanomaly

37.1256, 0.3350, 0.3346

Monochromacy



Original Color

37.0632, 0.3548, 0.3746

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.7536, 0.3282, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0632, 0.3548, 0.3746 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, 163, 131)` looks like.

```
.text, #text, p{  
    color:rgb(176, 163, 131)  
}
```

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, 163, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 163, 131) }
```

Border

The CSS property to change the border of an element to Yxy 37.0632, 0.3548, 0.3746 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, 163, 131) }
```

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

```
.border{ border-color:rgb(176, 163, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 163, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 163, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 163, 131);  
box-shadow:4px 4px 4px 4px rgb(176, 163,  
131) }
```

Background

The CSS property to change the background color of an element to Yxy 37.0632, 0.3548, 0.3746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 163, 131) }
```

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

```
.background{ background-color: rgb(176,  
163, 131) }
```

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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