

Converting Colors

$Yxy(36.6325, 0.3670, 0.3927)$

Have a look what the booklet for
Yxy(36.6325, 0.3670, 0.3927)
contains.

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Color

Yxy(36.7325, 0.3668, 0.3932)

Conversions

Conversions Part 1

Format	Color
Hex	B0A376
RGB	176, 163, 118
RGB Percent	69%, 64%, 46%
CMY	0.3099, 0.3607, 0.5373
CMYK	0.00, 0.07, 0.33, 0.31
HSL	47°, 27%, 58%
HSV	47°, 33%, 69%
XYZ	34.2662, 36.7325, 22.4207
YIQ	161.7570, 22.1930, -11.2390

Conversions

Conversions Part 2

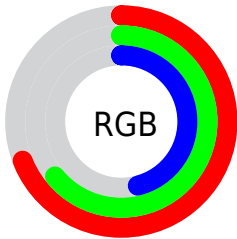
Format	Color
RYB	135, 176, 118
Decimal	11576182
CIELab	67.08, -2.23, 25.13
CIELCh	67, 25.230, 95.060
Yxy	36.7325, 0.3668, 0.3932
Android (android.graphics.Color)	4289766262 (0xFFB0A376)
YUV	161.7570, -21.5722, 12.4911
Hunter-Lab	60.6073, -5.1424, 20.4918

Details

The Yxy color **36.7325, 0.3668, 0.3932** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.2028, 0.2575, 0.2552**, and the grayscale version is **36.1056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.2009, 0.3567, 0.3817**, and **16.0095, 0.3840, 0.4119** is the 20% darker color. If you saturate the color by 10%, you get **34.9792, 0.3848, 0.4125**, and if you desaturate by 10%, it is **38.6106, 0.3493, 0.3733**.

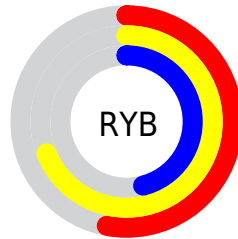
Distribution



Red (69%)

Green (64%)

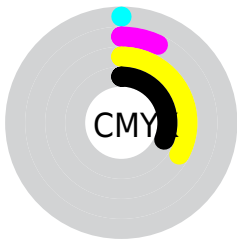
Blue (46%)



Red (53%)

Yellow (69%)

Blue (46%)

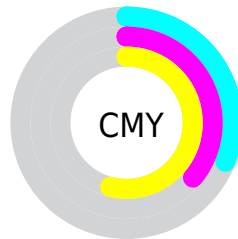


Cyan (0%)

Magenta (7%)

Yellow (33%)

Black (31%)



Cyan (31%)


Magenta (36%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7325, 0.3668, 0.3932 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 36.7325, 0.3668, 0.3932 by changing the saturation by 10% instead.


 36.7325, 0.3668,
0.3932

 36.7325, 0.3668,
0.3932


332.1509, 0.3391,
0.3599


 25.0004, 0.3738,
0.4018


 70.1612, 0.3566,
0.3809

 16.0774, 0.3828,
0.4128


 92.6266, 0.3528,
0.3763

 9.5789, 0.3947,
0.4276


 119.4386, 0.3496,
0.3725

 5.1207, 0.4107,
0.4480

150.9815, 0.3469,
0.3692

 2.3182, 0.4452,
0.4910

187.6399, 0.3445,
0.3664

 0.7833, 0.4684,
0.5316

229.7979, 0.3425,

 0.0000, 0.0000,

0.3640

0.0000

277.8402, 0.3407,
0.3618

■ 36.7325, 0.3668,
0.3932

■ 36.7325, 0.3668,
0.3932

■ 34.9792, 0.3848,
0.4125

■ 38.6106, 0.3493,
0.3733

■ 33.3410, 0.4027,
0.4304

■ 40.6129, 0.3326,
0.3536

■ 31.8144, 0.4198,
0.4458

■ 42.7451, 0.3171,
0.3345

■ 30.3936, 0.4353,
0.4578

■ 45.0112, 0.3028,
0.3163

■ 29.0721, 0.4485,
0.4656

■ 47.4149, 0.2897,
0.2993

■ 27.8421, 0.4589,
0.4687

■ 49.9596, 0.2780,
0.2835

■ 27.0186, 0.4650,
0.4689

■ 52.6487, 0.2674,
0.2690

■ 55.2403, 0.2599,
0.2594

■ 57.0194, 0.2605,
0.2641

Harmonies

Analogous

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



36.7325, 0.3867, 0.3726



36.7325, 0.3668, 0.3932



36.7325, 0.3329, 0.3965

Triad

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



36.7325, 0.3668, 0.3932



36.7325, 0.2448, 0.3078



36.7325, 0.3275, 0.2862

Complementary

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



36.7325, 0.3668, 0.3932



23.2028, 0.2575, 0.2552

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.



36.7325, 0.2892, 0.2702



36.7325, 0.3668, 0.3932



36.7325, 0.2434, 0.2804

Square

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



36.7325, 0.3668, 0.3932



36.7325, 0.2631, 0.3443



36.7325, 0.2591, 0.2676



36.7325, 0.3636, 0.3121

Rectangle

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



36.7325, 0.3668, 0.3932



36.7325, 0.3074, 0.3866



36.7325, 0.2591, 0.2676



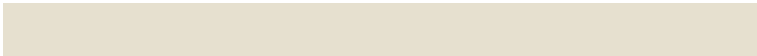
36.7325, 0.3144, 0.2795

Sweetspot

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



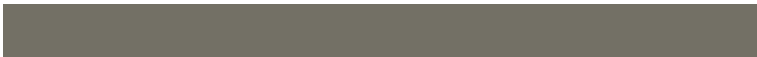
36.7342, 0.3668, 0.3932



74.7348, 0.3282, 0.3482



23.8345, 0.3698, 0.3091



16.0834, 0.3304, 0.3509



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.



36.7342, 0.3668, 0.3932



64.1614, 0.3807, 0.4083



39.8730, 0.3466, 0.4139



9.5781, 0.3268, 0.3466



19.9213, 0.4645, 0.4694



0.7064, 0.4496, 0.4812

Inverse Universe

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



23.2028, 0.2575, 0.2552



35.5891, 0.2429, 0.2343



21.1119, 0.2702, 0.2371



8.5280, 0.2985, 0.3108



3.4547, 0.1572, 0.0858



0.1961, 0.1719, 0.1388

Previews

White Background



This preview shows how the Yxy color 36.7325, 0.3668, 0.3932 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 36.7325, 0.3668, 0.3932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

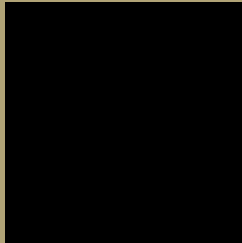
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7325, 0.3668, 0.3932

Background



This preview shows how black text looks on a background with the Yxy color 36.7325, 0.3668, 0.3932.



This preview shows how white text looks on a background with the Yxy color 36.7325, 0.3668, 0.3932.

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

36.7325, 0.3668, 0.3932

Protanopia

36.7325, 0.3668, 0.3932

Deuteranopia

36.4463, 0.3869, 0.3789



Tritanopia

36.5866, 0.3263, 0.3114

Trichromacy



Original Color

36.7325, 0.3668, 0.3932

Protanomaly

36.7325, 0.3668, 0.3932

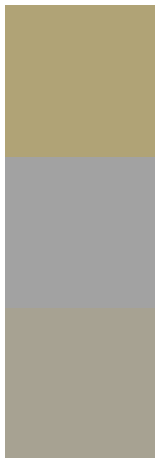
Deuteranomaly

36.6930, 0.3791, 0.3841

Tritanomaly

36.7016, 0.3419, 0.3416

Monochromacy



Original Color

36.7325, 0.3668, 0.3932

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.1315, 0.3320, 0.3523

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7325, 0.3668, 0.3932 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, 118)` looks like.

```
.text, #text, p{  
    color:rgb(176, 163, 118)  
}
```

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, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 163, 118) }
```

Border

The CSS property to change the border of an element to Yxy 36.7325, 0.3668, 0.3932 is called "border". The border property can be set on classes, ids or directly on the HTML element.

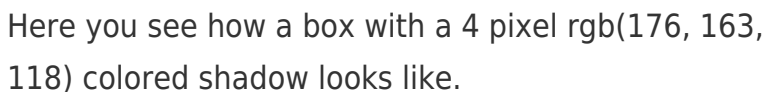
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 163, 118) }
```

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

```
.border{ border-color:rgb(176, 163, 118) }
```

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, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 163, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 163, 118); box-shadow:4px 4px 4px 4px rgb(176, 163, 118) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7325, 0.3668, 0.3932 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, 118) }
```

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

```
.background{ background-color: rgb(176,  
163, 118) }
```

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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