

Converting Colors

$Yxy(33.7444, 0.3858, 0.4011)$

Have a look what the booklet for
Yxy(33.7444, 0.3858, 0.4011)
contains.

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Color

Yxy(33.9071, 0.3860, 0.4017)

Conversions

Conversions Part 1

Format	Color
Hex	B29B68
RGB	178, 155, 104
RGB Percent	70%, 61%, 41%
CMY	0.3019, 0.3922, 0.5922
CMYK	0.00, 0.13, 0.42, 0.30
HSL	41°, 32%, 55%
HSV	41°, 42%, 70%
XYZ	32.5819, 33.9071, 17.9200
YIQ	156.0630, 30.0790, -10.9850

Conversions

Conversions Part 2

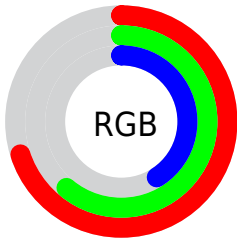
Format	Color
RYB	137, 178, 104
Decimal	11705192
CIELab	64.89, 1.27, 29.86
CIELCh	65, 29.887, 87.560
Yxy	33.9071, 0.3860, 0.4017
Android (android.graphics.Color)	4289895272 (0xFFB29B68)
YUV	156.0630, -25.6671, 19.2387
Hunter-Lab	58.2298, -2.0243, 22.5146

Details

The Yxy color **33.9071, 0.3860, 0.4017** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.3358, 0.2430, 0.2430**, and the grayscale version is **33.3828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.6634, 0.3720, 0.3873**, and **14.4712, 0.4081, 0.4226** is the 20% darker color. If you saturate the color by 10%, you get **31.7843, 0.4062, 0.4182**, and if you desaturate by 10%, it is **36.1939, 0.3664, 0.3841**.

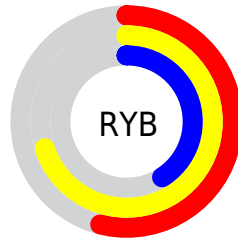
Distribution



Red (70%)

Green (61%)

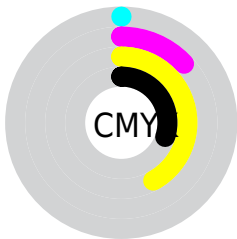
Blue (41%)



Red (54%)

Yellow (70%)

Blue (41%)

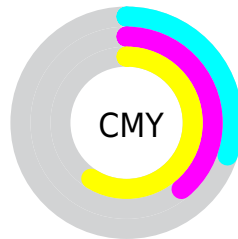


Cyan (0%)

Magenta (13%)

Yellow (42%)

Black (30%)



Cyan (30%)


Magenta (39%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.9071, 0.3860, 0.4017 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 33.9071, 0.3860, 0.4017 by changing the saturation by 10% instead.


 33.9071, 0.3860,
0.4017


 33.9071, 0.3860,
0.4017


319.7176, 0.3480,
0.3642


 22.8222, 0.3957,
0.4111


 65.7892, 0.3720,
0.3879

 14.4623, 0.4081,
0.4231

 87.3552, 0.3668,
0.3828

 8.4429, 0.4242,
0.4387

 113.1837, 0.3624,
0.3785

 4.3796, 0.4456,
0.4588

 143.6591, 0.3586,
0.3748

 1.8881, 0.4944,
0.5056

179.1658, 0.3554,
0.3716

 0.5412, 0.5020,
0.4980

220.0882, 0.3526,

 0.0000, 0.0000,

0.3688

0.0000

266.8107, 0.3502,
0.3664

■ 33.9071, 0.3860,
0.4017

■ 33.9071, 0.3860,
0.4017

■ 31.7843, 0.4062,
0.4182

■ 36.1939, 0.3664,
0.3841

■ 29.8147, 0.4262,
0.4325

■ 38.6453, 0.3479,
0.3662

■ 27.9935, 0.4453,
0.4437

■ 41.2683, 0.3307,
0.3485

■ 26.3132, 0.4624,
0.4506

■ 44.0676, 0.3151,
0.3316

■ 24.7653, 0.4768,
0.4527

■ 47.0478, 0.3009,
0.3156

■ 23.5517, 0.4870,
0.4515

■ 50.2134, 0.2882,
0.3007

■ 53.5686, 0.2768,
0.2869

■ 57.1173, 0.2667,
0.2742

■ 60.2569, 0.2626,
0.2719

Harmonies

Analogous

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



33.9071, 0.4049, 0.3723



33.9071, 0.3860, 0.4017



33.9071, 0.3478, 0.4131

Triad

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



33.9071, 0.3860, 0.4017



33.9071, 0.2346, 0.3129



33.9071, 0.3184, 0.2717

Complementary

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



33.9071, 0.3860, 0.4017



21.3358, 0.2430, 0.2430

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.



33.9071, 0.2737, 0.2562



33.9071, 0.3860, 0.4017



33.9071, 0.2281, 0.2764

Square

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



33.9071, 0.3860, 0.4017



33.9071, 0.2608, 0.3590



33.9071, 0.2417, 0.2572



33.9071, 0.3647, 0.2998

Rectangle

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



33.9071, 0.3860, 0.4017



33.9071, 0.3172, 0.4061



33.9071, 0.2417, 0.2572



33.9071, 0.3026, 0.2649

Sweetspot

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



33.9087, 0.3860, 0.4017



74.5194, 0.3318, 0.3496



20.9080, 0.3832, 0.2949



16.3713, 0.3339, 0.3519



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



33.9087, 0.3860, 0.4017



57.8968, 0.4047, 0.4170



40.7852, 0.3606, 0.4349



9.4520, 0.3271, 0.3446



16.9645, 0.4861, 0.4523



0.6320, 0.4634, 0.4702

Inverse Universe

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



21.3358, 0.2430, 0.2430



32.0309, 0.2264, 0.2196



16.9334, 0.2498, 0.2074



8.6469, 0.2985, 0.3129



4.3783, 0.1624, 0.1048



0.2445, 0.1788, 0.1638

Previews

White Background



This preview shows how the Yxy color 33.9071, 0.3860, 0.4017 looks on a white background.

Color Contrast Check

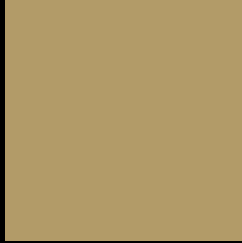
Large Text (above 18pt) WCAG AA × Fail

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 33.9071, 0.3860, 0.4017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

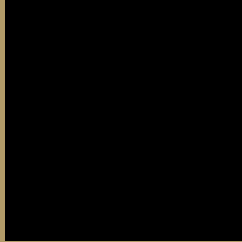
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.9071, 0.3860, 0.4017

Background



This preview shows how black text looks on a background with the Yxy color 33.9071, 0.3860, 0.4017.



This preview shows how white text looks on a background with the Yxy color 33.9071, 0.3860, 0.4017.

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

33.9071, 0.3860, 0.4017

Protanopia

33.7918, 0.3764, 0.4051

Deuteranopia

33.9720, 0.3992, 0.3920



Tritanopia

33.9082, 0.3383, 0.3126

Trichromacy



Original Color

33.9071, 0.3860, 0.4017

Protanomaly

33.7955, 0.3802, 0.4028

Deuteranomaly

33.7907, 0.3943, 0.3944

Tritanomaly

33.9718, 0.3560, 0.3446

Monochromacy



Original Color

33.9071, 0.3860, 0.4017

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.4756, 0.3387, 0.3575

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9071, 0.3860, 0.4017 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(178, 155, 104)` looks like.

```
.text, #text, p{  
    color:rgb(178, 155, 104)  
}
```

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(178, 155, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 155, 104) }
```

Border

The CSS property to change the border of an element to Yxy 33.9071, 0.3860, 0.4017 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(178, 155, 104) }
```

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

```
.border{ border-color:rgb(178, 155, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 155, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 155, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 155, 104);  
box-shadow:4px 4px 4px 4px rgb(178, 155,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9071, 0.3860, 0.4017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 155, 104) }
```

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

```
.background{ background-color: rgb(178,  
155, 104) }
```

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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