

Converting Colors

$Yxy(31.9967, 0.3632, 0.3880)$

Have a look what the booklet for
Yxy(31.9967, 0.3632, 0.3880)
contains.

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Color

Yxy(31.9967, 0.3632, 0.3880)

Conversions

Conversions Part 1

Format	Color
Hex	A59972
RGB	165, 153, 114
RGB Percent	65%, 60%, 45%
CMY	0.3528, 0.4000, 0.5529
CMYK	0.00, 0.07, 0.31, 0.35
HSL	46°, 22%, 55%
HSV	46°, 31%, 65%
XYZ	29.9516, 31.9967, 20.5175
YIQ	152.1420, 19.6710, -9.5850

Conversions

Conversions Part 2

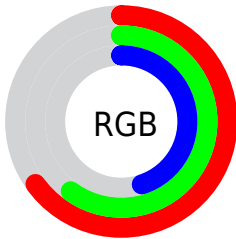
Format	Color
RYB	130, 165, 114
Decimal	10852722
CIELab	63.34, -1.73, 22.13
CIElCh	63, 22.200, 94.481
Yxy	31.9967, 0.3632, 0.3880
Android (android.graphics.Color)	4289042802 (0xFFA59972)
YUV	152.1420, -18.8040, 11.2765
Hunter-Lab	56.5656, -4.4739, 18.0903

Details

The Yxy color **31.9967, 0.3632, 0.3880** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.2302, 0.2617, 0.2620**, and the grayscale version is **31.5429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.7510, 0.3537, 0.3761**, and **13.3408, 0.3782, 0.4063** is the 20% darker color. If you saturate the color by 10%, you get **30.4011, 0.3813, 0.4071**, and if you desaturate by 10%, it is **33.7047, 0.3458, 0.3685**.

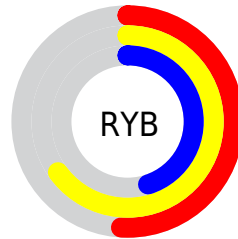
Distribution



Red (65%)

Green (60%)

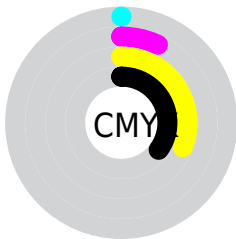
Blue (45%)



Red (51%)

Yellow (65%)

Blue (45%)

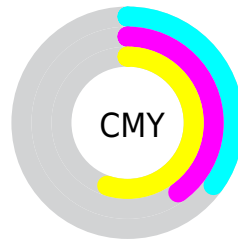


Cyan (0%)

Magenta (7%)

Yellow (31%)

Black (35%)



Cyan (35%)


Magenta (40%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.9967, 0.3632, 0.3880 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 31.9967, 0.3632, 0.3880 by changing the saturation by 10% instead.

 31.9967, 0.3632,
0.3880


 31.9967, 0.3632,
0.3880


311.1042, 0.3367,
0.3567


 21.3590, 0.3702,
0.3963


 62.8059, 0.3533,
0.3762


 13.3867, 0.3793,
0.4073


 83.7462, 0.3496,
0.3719

 7.6953, 0.3916,
0.4222


 108.8895, 0.3466,
0.3684

 3.9006, 0.4088,
0.4435

 138.6201, 0.3440,
0.3653

 1.6181, 0.4678,
0.5130

173.3225, 0.3418,
0.3627

 0.3698, 0.4553,
0.5447

213.3810, 0.3398,

 0.0000, 0.0000,

0.3604

0.0000

259.1802, 0.3381,
0.3585

■ 31.9967, 0.3632,
0.3880

■ 31.9967, 0.3632,
0.3880

■ 30.4011, 0.3813,
0.4071

■ 33.7047, 0.3458,
0.3685

■ 28.9095, 0.3995,
0.4251

■ 35.5244, 0.3293,
0.3492

■ 27.5189, 0.4171,
0.4409

■ 37.4609, 0.3141,
0.3307

■ 26.2245, 0.4334,
0.4535

■ 39.5174, 0.3001,
0.3131

■ 25.0208, 0.4477,
0.4622

■ 41.6972, 0.2874,
0.2967

■ 23.9015, 0.4592,
0.4662

■ 44.0033, 0.2759,
0.2815

■ 22.9459, 0.4678,
0.4668

■ 46.4386, 0.2656,
0.2675

■ 49.0059, 0.2564,
0.2547

■ 51.2127, 0.2521,
0.2504

Harmonies

Analogous

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



31.9967, 0.3810, 0.3691



31.9967, 0.3632, 0.3880



31.9967, 0.3322, 0.3911

Triad

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



31.9967, 0.3632, 0.3880



31.9967, 0.2500, 0.3102



31.9967, 0.3258, 0.2889

Complementary

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



31.9967, 0.3632, 0.3880



21.2302, 0.2617, 0.2620

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.



31.9967, 0.2905, 0.2743



31.9967, 0.3632, 0.3880



31.9967, 0.2484, 0.2846

Square

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



31.9967, 0.3632, 0.3880



31.9967, 0.2674, 0.3438



31.9967, 0.2628, 0.2723



31.9967, 0.3590, 0.3130

Rectangle

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



31.9967, 0.3632, 0.3880



31.9967, 0.3087, 0.3822



31.9967, 0.2628, 0.2723



31.9967, 0.3137, 0.2828

Sweetspot

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



31.9982, 0.3632, 0.3880



64.1831, 0.3265, 0.3459



21.5649, 0.3636, 0.3092



13.9290, 0.3287, 0.3485



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



31.9982, 0.3632, 0.3880



55.3251, 0.3754, 0.4010



34.8416, 0.3453, 0.4078



7.9525, 0.3267, 0.3461



17.4292, 0.4672, 0.4672



0.4315, 0.4468, 0.4834

Inverse Universe

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



21.2302, 0.2617, 0.2620



33.0088, 0.2492, 0.2445



19.2471, 0.2726, 0.2437



7.1188, 0.2987, 0.3113



3.2170, 0.1580, 0.0889



0.1347, 0.1762, 0.1544

Previews

White Background



This preview shows how the Yxy color 31.9967, 0.3632, 0.3880 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 31.9967, 0.3632, 0.3880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

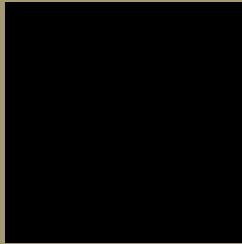
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

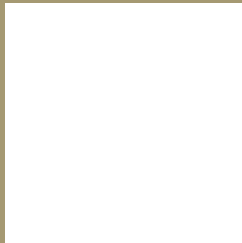
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.9967, 0.3632, 0.3880

Background



This preview shows how black text looks on a background with the Yxy color 31.9967, 0.3632, 0.3880.



This preview shows how white text looks on a background with the Yxy color 31.9967, 0.3632, 0.3880.

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

31.9967, 0.3632, 0.3880

Protanopia

31.8899, 0.3621, 0.3883

Deuteranopia

31.9290, 0.3825, 0.3748



Tritanopia

31.9167, 0.3249, 0.3117

Trichromacy



Original Color

31.9967, 0.3632, 0.3880

Protanomaly

31.8899, 0.3621, 0.3883

Deuteranomaly

31.8467, 0.3749, 0.3788

Tritanomaly

31.8029, 0.3385, 0.3380

Monochromacy



Original Color

31.9967, 0.3632, 0.3880

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.4595, 0.3312, 0.3506

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9967, 0.3632, 0.3880 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(165, 153, 114)` looks like.

```
.text, #text, p{  
    color:rgb(165, 153, 114)  
}
```

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(165, 153, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 153, 114) }
```

Border

The CSS property to change the border of an element to Yxy 31.9967, 0.3632, 0.3880 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(165, 153, 114) }
```

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

```
.border{ border-color:rgb(165, 153, 114) }
```

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

Here you see how a box with a 4 pixel rgb(165, 153, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 153, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 153, 114);  
box-shadow:4px 4px 4px 4px rgb(165, 153,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9967, 0.3632, 0.3880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 153, 114) }
```

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

```
.background{ background-color: rgb(165,  
153, 114) }
```

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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