

Converting Colors

$Y_{xy}(31.5802, 0.3586, 0.3622)$

Have a look what the booklet for
Yxy(31.5802, 0.3586, 0.3622)
contains.

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Color

Yxy(31.6592, 0.3592, 0.3632)

Conversions

Conversions Part 1

Format	Color
Hex	AB957E
RGB	171, 149, 126
RGB Percent	67%, 58%, 49%
CMY	0.3293, 0.4157, 0.5059
CMYK	0.00, 0.13, 0.26, 0.33
HSL	31°, 21%, 58%
HSV	31°, 26%, 67%
XYZ	31.3105, 31.6592, 24.1977
YIQ	152.9560, 20.4950, -2.4890

Conversions

Conversions Part 2

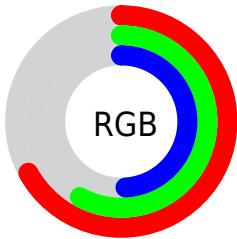
Format	Color
RYB	169, 171, 126
Decimal	11244926
CIELab	63.06, 4.54, 15.17
CIELCh	63, 15.833, 73.327
Yxy	31.6592, 0.3592, 0.3632
Android (android.graphics.Color)	4289435006 (0xFFAB957E)
YUV	152.9560, -13.2893, 15.8246
Hunter-Lab	56.2665, 0.8632, 13.8886

Details

The Yxy color **31.6592, 0.3592, 0.3632** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.5611, 0.2716, 0.2922**, and the grayscale version is **31.8886, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.2974, 0.3497, 0.3562**, and **13.1227, 0.3748, 0.3732** is the 20% darker color. If you saturate the color by 10%, you get **28.7039, 0.3810, 0.3768**, and if you desaturate by 10%, it is **34.8830, 0.3397, 0.3497**.

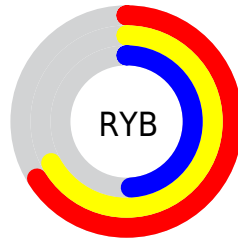
Distribution



Red (67%)

Green (58%)

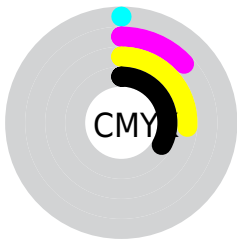
Blue (49%)



Red (66%)

Yellow (67%)

Blue (49%)

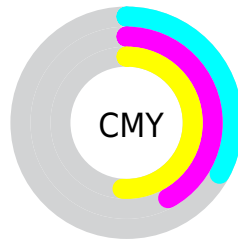


Cyan (0%)

Magenta (13%)

Yellow (26%)

Black (33%)



Cyan (33%)


Magenta (42%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.6592, 0.3592, 0.3632 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 31.6592, 0.3592, 0.3632 by changing the saturation by 10% instead.


 31.6592, 0.3592,
0.3632


 31.6592, 0.3592,
0.3632


309.5639, 0.3344,
0.3453


 21.1013, 0.3659,
0.3679


 62.2764, 0.3498,
0.3565

 13.1981, 0.3749,
0.3741


 83.1046, 0.3464,
0.3541

 7.5651, 0.3874,
0.3824


 108.1250, 0.3435,
0.3520

 3.8179, 0.4060,
0.3943

137.7219, 0.3411,
0.3503

 1.5723, 0.4436,
0.4194

172.2799, 0.3391,
0.3488

 0.3388, 0.5610,
0.4390

212.1833, 0.3373,

 0.0000, 0.0000,

0.3475

0.0000

257.8165, 0.3358,
0.3463

■ 31.6592, 0.3592,
0.3632

■ 31.6592, 0.3592,
0.3632

■ 28.7039, 0.3810,
0.3768

■ 34.8830, 0.3397,
0.3497

■ 26.0049, 0.4050,
0.3900

■ 38.3783, 0.3225,
0.3368

■ 23.5554, 0.4308,
0.4018

■ 42.1537, 0.3074,
0.3246

■ 21.3466, 0.4574,
0.4112

■ 46.2159, 0.2942,
0.3133

■ 19.3689, 0.4838,
0.4171

■ 50.5715, 0.2827,
0.3028

■ 17.6117, 0.5082,
0.4182

■ 55.2267, 0.2726,
0.2932

■ 16.0620, 0.5292,
0.4141

■ 60.1876, 0.2638,
0.2844

■ 15.5373, 0.5367,
0.4121

■ 64.9468, 0.2601,
0.2844

■ 69.3400, 0.2613,
0.2942

Harmonies

Analogous

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



31.6592, 0.3623, 0.3450



31.6592, 0.3592, 0.3632



31.6592, 0.3434, 0.3731

Triad

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



31.6592, 0.3592, 0.3632



31.6592, 0.2752, 0.3327



31.6592, 0.3042, 0.2913

Complementary

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



31.6592, 0.3592, 0.3632



28.5611, 0.2716, 0.2922

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.



31.6592, 0.2818, 0.2871



31.6592, 0.3592, 0.3632



31.6592, 0.2656, 0.3098

Square

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



31.6592, 0.3592, 0.3632



31.6592, 0.2948, 0.3555



31.6592, 0.2680, 0.2935



31.6592, 0.3298, 0.3045

Rectangle

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



31.6592, 0.3592, 0.3632



31.6592, 0.3280, 0.3730



31.6592, 0.2680, 0.2935



31.6592, 0.2960, 0.2888

Sweetspot

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



31.6606, 0.3592, 0.3632



67.5444, 0.3255, 0.3391



25.7350, 0.3407, 0.2958



14.8526, 0.3279, 0.3410



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



31.6606, 0.3592, 0.3632



53.3310, 0.3725, 0.3717



39.2987, 0.3517, 0.3934



8.6665, 0.3274, 0.3406



11.8160, 0.5352, 0.4132



0.4379, 0.4914, 0.4480

Inverse Universe

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



28.5611, 0.2716, 0.2922



46.7723, 0.2614, 0.2820



22.2971, 0.2682, 0.2553



8.3796, 0.2986, 0.3171



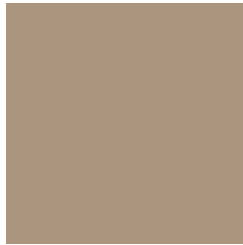
7.0586, 0.1769, 0.1568



0.3062, 0.1926, 0.2134

Previews

White Background



This preview shows how the Yxy color 31.6592, 0.3592, 0.3632 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 31.6592, 0.3592, 0.3632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

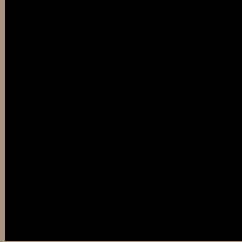
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.6592, 0.3592, 0.3632

Background



This preview shows how black text looks on a background with the Yxy color 31.6592, 0.3592, 0.3632.



This preview shows how white text looks on a background with the Yxy color 31.6592, 0.3592, 0.3632.

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

31.6592, 0.3592, 0.3632

Protanopia

31.5921, 0.3453, 0.3658

Deuteranopia

31.7209, 0.3665, 0.3596



Tritanopia

31.7651, 0.3335, 0.3134

Trichromacy



Original Color

31.6592, 0.3592, 0.3632

Protanomaly

31.6649, 0.3509, 0.3654

Deuteranomaly

31.8001, 0.3639, 0.3613

Tritanomaly

31.6008, 0.3436, 0.3305

Monochromacy



Original Color

31.6592, 0.3592, 0.3632

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.9132, 0.3295, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.6592, 0.3592, 0.3632 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(171, 149, 126)` looks like.

```
.text, #text, p{  
    color:rgb(171, 149, 126)  
}
```

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(171, 149, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 149, 126) }
```

Border

The CSS property to change the border of an element to Yxy 31.6592, 0.3592, 0.3632 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(171, 149, 126) }
```

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

```
.border{ border-color:rgb(171, 149, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 149, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 149, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 149, 126);  
box-shadow:4px 4px 4px 4px rgb(171, 149,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 31.6592, 0.3592, 0.3632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 149, 126) }
```

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

```
.background{ background-color: rgb(171,  
149, 126) }
```

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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