

Converting Colors

$Yxy(31.6102, 0.3486, 0.3764)$

Have a look what the booklet for
Yxy(31.6102, 0.3486, 0.3764)
contains.

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Color

Yxy(31.5585, 0.3488, 0.3769)

Conversions

Conversions Part 1

Format	Color
Hex	9F997A
RGB	159, 153, 122
RGB Percent	62%, 60%, 48%
CMY	0.3764, 0.4000, 0.5215
CMYK	0.00, 0.04, 0.23, 0.38
HSL	50°, 16%, 55%
HSV	50°, 23%, 62%
XYZ	29.2056, 31.5585, 22.9676
YIQ	151.2600, 13.5270, -8.3690

Conversions

Conversions Part 2

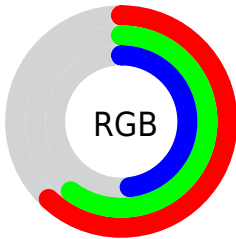
Format	Color
RYB	129, 159, 122
Decimal	10459514
CIELab	62.98, -3.01, 17.11
CIELCh	63, 17.374, 99.991
Yxy	31.5585, 0.3488, 0.3769
Android (android.graphics.Color)	4288649594 (0xFF9F997A)
YUV	151.2600, -14.4252, 6.7880
Hunter-Lab	56.1770, -5.5099, 15.0835

Details

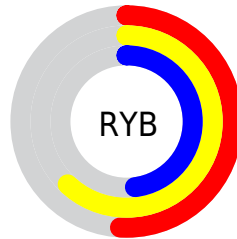
The Yxy color **31.5585, 0.3488, 0.3769** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.0898, 0.2751, 0.2761**, and the grayscale version is **31.1252, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.0169, 0.3413, 0.3664**, and **13.1096, 0.3606, 0.3934** is the 20% darker color. If you saturate the color by 10%, you get **30.3592, 0.3654, 0.3979**, and if you desaturate by 10%, it is **32.8435, 0.3327, 0.3559**.

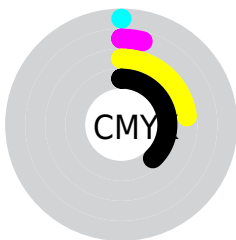
Distribution



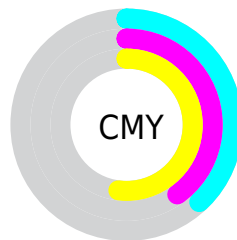
- Red (62%)
- Green (60%)
- Blue (48%)



- Red (51%)
- Yellow (62%)
- Blue (48%)



- Cyan (0%)
- Magenta (4%)
- Yellow (23%)
- Black (38%)





- Cyan (38%)
- Magenta (40%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.5585, 0.3488, 0.3769 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 31.5585, 0.3488, 0.3769 by changing the saturation by 10% instead.


 31.5585, 0.3488,
0.3769


 31.5585, 0.3488,
0.3769


309.1031, 0.3298,
0.3513


 21.0245, 0.3539,
0.3839


 62.1183, 0.3416,
0.3672

 13.1419, 0.3605,
0.3932


 82.9129, 0.3390,
0.3636

 7.5263, 0.3697,
0.4061


 107.8965, 0.3368,
0.3607

 3.7934, 0.3829,
0.4253

137.4535, 0.3350,
0.3582

 1.5587, 0.4168,
0.4718

171.9682, 0.3334,
0.3561

 0.3295, 0.4210,
0.5790

211.8252, 0.3320,

 0.0000, 0.0000,

0.3543

0.0000

257.4087, 0.3308,
0.3527

■ 31.5585, 0.3488,
0.3769

■ 31.5585, 0.3488,
0.3769

■ 30.3592, 0.3654,
0.3979

■ 32.8435, 0.3327,
0.3559

■ 29.2382, 0.3822,
0.4182

■ 34.2130, 0.3175,
0.3355

■ 28.1933, 0.3985,
0.4370

■ 35.6712, 0.3033,
0.3160

■ 27.2207, 0.4136,
0.4532


■ 37.2210, 0.2902,
0.2977

■ 26.3162, 0.4270,
0.4660


■ 38.8648, 0.2783,
0.2807

 25.4747, 0.4380,
0.4746


 40.6051, 0.2675,
0.2650

 24.6906, 0.4462,
0.4789

 42.4442, 0.2578,
0.2507

 24.1858, 0.4509,
0.4802

 44.3845, 0.2490,
0.2376

 45.7583, 0.2463,
0.2351

Harmonies

Analogous

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



31.5585, 0.3649, 0.3645



31.5585, 0.3488, 0.3769



31.5585, 0.3233, 0.3760

Triad

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



31.5585, 0.3488, 0.3769



31.5585, 0.2617, 0.3103



31.5585, 0.3283, 0.3002

Complementary

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



31.5585, 0.3488, 0.3769



22.0898, 0.2751, 0.2761

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.



31.5585, 0.3002, 0.2867



31.5585, 0.3488, 0.3769



31.5585, 0.2628, 0.2915

Square

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



31.5585, 0.3488, 0.3769



31.5585, 0.2735, 0.3359



31.5585, 0.2766, 0.2834



31.5585, 0.3530, 0.3206

Rectangle

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



31.5585, 0.3488, 0.3769



31.5585, 0.3047, 0.3672



31.5585, 0.2766, 0.2834



31.5585, 0.3189, 0.2947

Sweetspot

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



31.5599, 0.3488, 0.3769



60.2898, 0.3232, 0.3433



22.8581, 0.3516, 0.3193



13.5621, 0.3241, 0.3444



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



31.5599, 0.3488, 0.3769



55.3561, 0.3575, 0.3880



32.3827, 0.3341, 0.3880



7.5364, 0.3265, 0.3476



19.1484, 0.4505, 0.4805



0.3871, 0.4363, 0.4918

Inverse Universe

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



22.0898, 0.2751, 0.2761



35.3438, 0.2655, 0.2622



21.5227, 0.2875, 0.2678



6.6011, 0.2988, 0.3097



2.5996, 0.1546, 0.0765



0.0894, 0.1699, 0.1316

Previews

White Background



This preview shows how the Yxy color 31.5585, 0.3488, 0.3769 looks on a white background.

Color Contrast Check

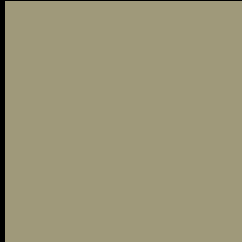
Large Text (above 18pt) WCAG AA × Fail

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 31.5585, 0.3488, 0.3769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

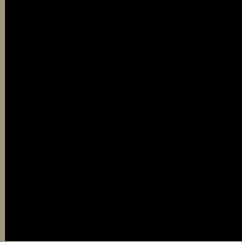
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

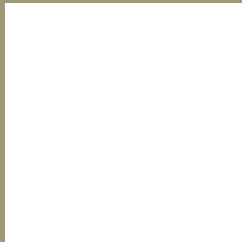
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.5585, 0.3488, 0.3769

Background



This preview shows how black text looks on a background with the Yxy color 31.5585, 0.3488, 0.3769.



This preview shows how white text looks on a background with the Yxy color 31.5585, 0.3488, 0.3769.

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

31.5585, 0.3488, 0.3769

Protanopia

31.5430, 0.3524, 0.3750

Deuteranopia

31.3349, 0.3701, 0.3626



Tritanopia

31.5755, 0.3186, 0.3128

Trichromacy



Original Color

31.5585, 0.3488, 0.3769

Protanomaly

31.4387, 0.3513, 0.3751

Deuteranomaly

31.4710, 0.3612, 0.3678

Tritanomaly

31.5694, 0.3290, 0.3351

Monochromacy



Original Color

31.5585, 0.3488, 0.3769

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.2199, 0.3261, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5585, 0.3488, 0.3769 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(159, 153, 122)` looks like.

```
.text, #text, p{  
    color:rgb(159, 153, 122)  
}
```

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(159, 153, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 153, 122) }
```

Border

The CSS property to change the border of an element to Yxy 31.5585, 0.3488, 0.3769 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(159, 153, 122) }
```

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

```
.border{ border-color:rgb(159, 153, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 153, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 153, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 153, 122);  
box-shadow:4px 4px 4px 4px rgb(159, 153,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5585, 0.3488, 0.3769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 153, 122) }
```

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

```
.background{ background-color: rgb(159,  
153, 122) }
```

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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