

Converting Colors

$Yxy(31.9114, 0.3768, 0.3990)$

Have a look what the booklet for
Yxy(31.9114, 0.3768, 0.3990)
contains.

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Color

Yxy(31.9114, 0.3768, 0.3990)

Conversions

Conversions Part 1

Format	Color
Hex	A99869
RGB	169, 152, 105
RGB Percent	66%, 60%, 41%
CMY	0.3373, 0.4039, 0.5883
CMYK	0.00, 0.10, 0.38, 0.34
HSL	44°, 27%, 54%
HSV	44°, 38%, 66%
XYZ	30.1359, 31.9114, 17.9312
YIQ	151.7250, 25.2190, -11.0130

Conversions

Conversions Part 2

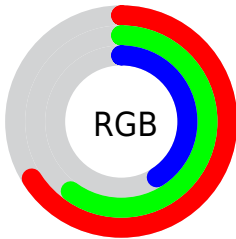
Format	Color
RYB	128, 169, 105
Decimal	11114601
CIELab	63.27, -0.73, 27.05
CIELCh	63, 27.056, 91.554
Yxy	31.9114, 0.3768, 0.3990
Android (android.graphics.Color)	4289304681 (0xFFA99869)
YUV	151.7250, -23.0354, 15.1502
Hunter-Lab	56.4902, -3.6332, 20.7232

Details

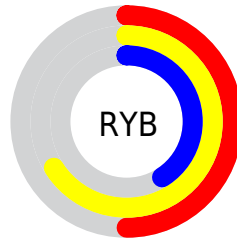
The Yxy color **31.9114, 0.3768, 0.3990** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.7724, 0.2492, 0.2472**, and the grayscale version is **31.3668, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.5845, 0.3640, 0.3848**, and **13.3158, 0.3975, 0.4202** is the 20% darker color. If you saturate the color by 10%, you get **30.1724, 0.3957, 0.4169**, and if you desaturate by 10%, it is **33.7773, 0.3584, 0.3803**.

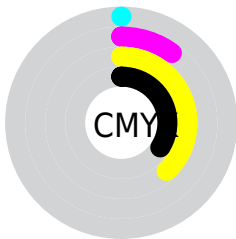
Distribution



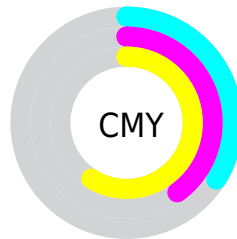
- Red (66%)
- Green (60%)
- Blue (41%)



- Red (50%)
- Yellow (66%)
- Blue (41%)



- Cyan (0%)
- Magenta (10%)
- Yellow (38%)
- Black (34%)





- Cyan (34%)
- Magenta (40%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.9114, 0.3768, 0.3990 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 31.9114, 0.3768, 0.3990 by changing the saturation by 10% instead.


 31.9114, 0.3768,
0.3990


 31.9114, 0.3768,
0.3990


310.7155, 0.3432,
0.3622


 21.2938, 0.3855,
0.4086


 62.6722, 0.3643,
0.3853

 13.3390, 0.3967,
0.4210


 83.5842, 0.3597,
0.3802

 7.6624, 0.4116,
0.4375


 108.6964, 0.3558,
0.3760

 3.8797, 0.4316,
0.4600

 138.3933, 0.3526,
0.3724

 1.6065, 0.4829,
0.5171

173.0593, 0.3497,
0.3693

 0.3620, 0.4740,
0.5260

213.0787, 0.3473,

 0.0000, 0.0000,

0.3666

0.0000

258.8360, 0.3451,
0.3643

■ 31.9114, 0.3768,
0.3990

■ 31.9114, 0.3768,
0.3990

■ 30.1724, 0.3957,
0.4169

■ 33.7773, 0.3584,
0.3803

■ 28.5511, 0.4145,
0.4329

■ 35.7701, 0.3409,
0.3614

■ 27.0440, 0.4323,
0.4462

■ 37.8953, 0.3246,
0.3430

■ 25.6452, 0.4484,
0.4556

■ 40.1568, 0.3096,
0.3253

■ 24.3481, 0.4619,
0.4606

■ 42.5581, 0.2961,
0.3087

■ 23.1422, 0.4728,
0.4611

■ 45.1028, 0.2838,
0.2933

■ 22.8937, 0.4750,
0.4610

■ 47.7942, 0.2728,
0.2790

■ 50.6355, 0.2629,
0.2659

■ 53.4960, 0.2552,
0.2560

Harmonies

Analogous

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



31.9114, 0.3970, 0.3737



31.9114, 0.3768, 0.3990



31.9114, 0.3399, 0.4061

Triad

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



31.9114, 0.3768, 0.3990



31.9114, 0.2383, 0.3092



31.9114, 0.3240, 0.2786

Complementary

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



31.9114, 0.3768, 0.3990



19.7724, 0.2492, 0.2472

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.



31.9114, 0.2817, 0.2624



31.9114, 0.3768, 0.3990



31.9114, 0.2347, 0.2771

Square

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



31.9114, 0.3768, 0.3990



31.9114, 0.2605, 0.3510



31.9114, 0.2499, 0.2612



31.9114, 0.3658, 0.3062

Rectangle

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



31.9114, 0.3768, 0.3990



31.9114, 0.3114, 0.3970



31.9114, 0.2499, 0.2612



31.9114, 0.3093, 0.2717

Sweetspot

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



31.9129, 0.3768, 0.3990



66.5956, 0.3299, 0.3490



19.9388, 0.3786, 0.3029



14.4076, 0.3320, 0.3514



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



31.9129, 0.3768, 0.3990



54.6793, 0.3918, 0.4133



36.2615, 0.3533, 0.4261



8.4323, 0.3268, 0.3455



17.1585, 0.4743, 0.4616



0.4944, 0.4527, 0.4788

Inverse Universe

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



19.7724, 0.2492, 0.2472



29.9652, 0.2346, 0.2263



16.9508, 0.2602, 0.2212



7.6120, 0.2986, 0.3119



3.5996, 0.1596, 0.0947



0.1693, 0.1777, 0.1596

Previews

White Background



This preview shows how the Yxy color 31.9114, 0.3768, 0.3990 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 31.9114, 0.3768, 0.3990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

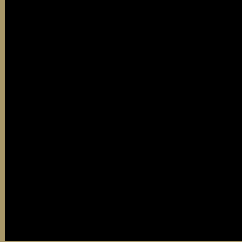
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.9114, 0.3768, 0.3990

Background



This preview shows how black text looks on a background with the Yxy color 31.9114, 0.3768, 0.3990.



This preview shows how white text looks on a background with the Yxy color 31.9114, 0.3768, 0.3990.

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

31.9114, 0.3768, 0.3990

Protanopia

31.9094, 0.3730, 0.4012

Deuteranopia

31.9753, 0.3941, 0.3870



Tritanopia

31.7991, 0.3325, 0.3119

Trichromacy



Original Color

31.9114, 0.3768, 0.3990

Protanomaly

32.0179, 0.3741, 0.4009

Deuteranomaly

32.0005, 0.3874, 0.3910

Tritanomaly

31.8990, 0.3492, 0.3437

Monochromacy



Original Color

31.9114, 0.3768, 0.3990

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.4748, 0.3352, 0.3552

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.9114, 0.3768, 0.3990 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(169, 152, 105)` looks like.

```
.text, #text, p{  
    color:rgb(169, 152, 105)  
}
```

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(169, 152, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 152, 105) }
```

Border

The CSS property to change the border of an element to Yxy 31.9114, 0.3768, 0.3990 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(169, 152, 105) }
```

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

```
.border{ border-color:rgb(169, 152, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 152, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 152, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 152, 105);  
box-shadow:4px 4px 4px 4px rgb(169, 152,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 31.9114, 0.3768, 0.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 152, 105) }
```

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

```
.background{ background-color: rgb(169,  
152, 105) }
```

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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