

Converting Colors

$Yxy(30.8731, 0.3618, 0.4135)$

Have a look what the booklet for
Yxy(30.8731, 0.3618, 0.4135)
contains.

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Color

Yxy(30.8231, 0.3620, 0.4126)

Conversions

Conversions Part 1

Format	Color
Hex	999A65
RGB	153, 154, 101
RGB Percent	60%, 60%, 40%
CMY	0.4000, 0.3961, 0.6039
CMYK	0.01, 0.00, 0.34, 0.40
HSL	61°, 21%, 50%
HSV	61°, 34%, 60%
XYZ	27.0430, 30.8231, 16.8384
YIQ	147.6590, 16.4170, -16.6950

Conversions

Conversions Part 2

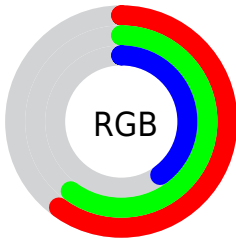
Format	Color
RYB	101, 154, 102
Decimal	10066533
CIELab	62.36, -8.89, 27.75
CIELCh	62, 29.138, 107.768
Yxy	30.8231, 0.3620, 0.4126
Android (android.graphics.Color)	4288256613 (0xFF999A65)
YUV	147.6590, -23.0029, 4.6841
Hunter-Lab	55.5186, -10.2102, 20.8807

Details

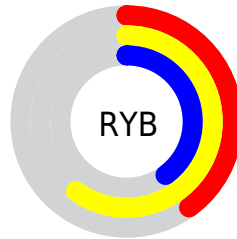
The Yxy color **30.8231, 0.3620, 0.4126** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.4675, 0.2536, 0.2298**, and the grayscale version is **29.5588, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.8216, 0.3524, 0.3946**, and **12.7242, 0.3766, 0.4413** is the 20% darker color. If you saturate the color by 10%, you get **30.5223, 0.3755, 0.4357**, and if you desaturate by 10%, it is **31.1833, 0.3477, 0.3883**.

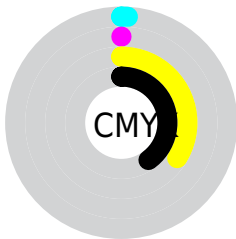
Distribution



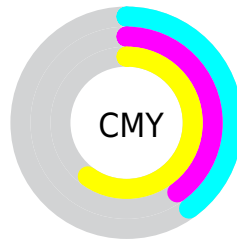
- Red (60%)
- Green (60%)
- Blue (40%)



- Red (40%)
- Yellow (60%)
- Blue (40%)



- Cyan (1%)
- Magenta (0%)
- Yellow (34%)
- Black (40%)





- Cyan (40%)
- Magenta (40%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.8231, 0.3620, 0.4126 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 30.8231, 0.3620, 0.4126 by changing the saturation by 10% instead.


 30.8231, 0.3620,
0.4126

 30.8231, 0.3620,
0.4126


305.7225, 0.3366,
0.3675

 20.4642, 0.3684,
0.4249

 60.9615, 0.3527,
0.3954

 12.7329, 0.3764,
0.4412


 81.5097, 0.3492,
0.3892

 7.2449, 0.3866,
0.4635


 106.2231, 0.3463,
0.3840

 3.6157, 0.3998,
0.4965

 135.4862, 0.3437,
0.3797

 1.4610, 0.4311,
0.5689

169.6833, 0.3416,
0.3759

 0.2610, 0.1063,
0.8937

209.1987, 0.3397,

 0.0000, 0.0000,

0.3727

0.0000

254.4170, 0.3380,
0.3699

■ 30.8231, 0.3620,
0.4126

■ 30.8231, 0.3620,
0.4126

■ 30.5223, 0.3755,
0.4357

■ 31.1833, 0.3477,
0.3883

■ 30.2736, 0.3877,
0.4567

■ 31.6017, 0.3332,
0.3637

■ 30.0749, 0.3980,
0.4747

■ 32.0824, 0.3189,
0.3394


■ 29.9222, 0.4061,
0.4890


■ 32.6279, 0.3051,
0.3161

■ 29.8113, 0.4117,
0.4992

■ 33.2406, 0.2920,
0.2940

 29.7365, 0.4149,
0.5053

 33.9229, 0.2797,
0.2735

 29.7021, 0.4161,
0.5078

 34.6769, 0.2684,
0.2546

 35.5046, 0.2581,
0.2373

 36.4081, 0.2487,
0.2216

Harmonies

Analogous

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



30.8231, 0.3953, 0.3939



30.8231, 0.3620, 0.4126



30.8231, 0.3169, 0.4064

Triad

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



30.8231, 0.3620, 0.4126



30.8231, 0.2275, 0.2863



30.8231, 0.3505, 0.2893

Complementary

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



30.8231, 0.3620, 0.4126



14.4675, 0.2536, 0.2298

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.



30.8231, 0.3029, 0.2646



30.8231, 0.3620, 0.4126



30.8231, 0.2347, 0.2610

Square

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



30.8231, 0.3620, 0.4126



30.8231, 0.2407, 0.3275



30.8231, 0.2612, 0.2542



30.8231, 0.3895, 0.3234

Rectangle

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



30.8231, 0.3620, 0.4126



30.8231, 0.2866, 0.3870



30.8231, 0.2612, 0.2542



30.8231, 0.3348, 0.2798

Sweetspot

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



30.8245, 0.3620, 0.4126



57.7598, 0.3272, 0.3534



17.2918, 0.3905, 0.3307



13.0483, 0.3290, 0.3566



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



30.8245, 0.3620, 0.4126



55.5780, 0.3721, 0.4299



28.5344, 0.3335, 0.4211



7.2170, 0.3257, 0.3510



24.2006, 0.4162, 0.5078



0.3634, 0.4177, 0.5066

Inverse Universe

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



14.4675, 0.2536, 0.2298



21.4194, 0.2384, 0.2045



16.2620, 0.2843, 0.2378



6.0316, 0.2991, 0.3060



1.9178, 0.1508, 0.0604



0.0300, 0.1548, 0.0626

Previews

White Background



This preview shows how the Yxy color 30.8231, 0.3620, 0.4126 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 30.8231, 0.3620, 0.4126 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 30.8231, 0.3620, 0.4126

Background



This preview shows how black text looks on a background with the Yxy color 30.8231, 0.3620, 0.4126.



This preview shows how white text looks on a background with the Yxy color 30.8231, 0.3620, 0.4126.

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

30.8231, 0.3620, 0.4126

Protanopia

30.9458, 0.3766, 0.4064

Deuteranopia

30.6291, 0.3956, 0.3879



Tritanopia

30.8096, 0.3155, 0.3126

Trichromacy



Original Color

30.8231, 0.3620, 0.4126

Protanomaly

30.8502, 0.3716, 0.4091

Deuteranomaly

30.6852, 0.3830, 0.3975

Tritanomaly

30.7869, 0.3326, 0.3491

Monochromacy



Original Color

30.8231, 0.3620, 0.4126

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.9354, 0.3310, 0.3593

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8231, 0.3620, 0.4126 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(153, 154, 101)` looks like.

```
.text, #text, p{  
    color:rgb(153, 154, 101)  
}
```

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(153, 154, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 154, 101) }
```

Border

The CSS property to change the border of an element to Yxy 30.8231, 0.3620, 0.4126 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(153, 154, 101) }
```

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

```
.border{ border-color:rgb(153, 154, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 154, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 154, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 154, 101);  
box-shadow:4px 4px 4px 4px rgb(153, 154,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8231, 0.3620, 0.4126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 154, 101) }
```

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

```
.background{ background-color: rgb(153,  
154, 101) }
```

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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