

Converting Colors

$Yxy(32.4274, 0.3468, 0.4118)$

Have a look what the booklet for
Yxy(32.4274, 0.3468, 0.4118)
contains.

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Color

Yxy(32.4274, 0.3468, 0.4118)

Conversions

Conversions Part 1

Format	Color
Hex	93A06C
RGB	147, 160, 108
RGB Percent	58%, 63%, 42%
CMY	0.4236, 0.3725, 0.5764
CMYK	0.08, 0.00, 0.32, 0.37
HSL	75°, 21%, 53%
HSV	75°, 32%, 63%
XYZ	27.3089, 32.4274, 19.0092
YIQ	150.1850, 8.9440, -18.9280

Conversions

Conversions Part 2

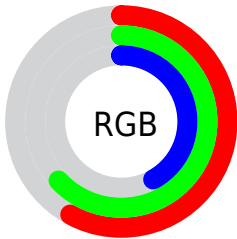
Format	Color
RYB	108, 160, 121
Decimal	9674860
CIELab	63.69, -13.58, 25.62
CIElCh	64, 29.000, 117.919
Yxy	32.4274, 0.3468, 0.4118
Android (android.graphics.Color)	4287864940 (0xFF93A06C)
YUV	150.1850, -20.7972, -2.7932
Hunter-Lab	56.9451, -14.0512, 20.0696

Details

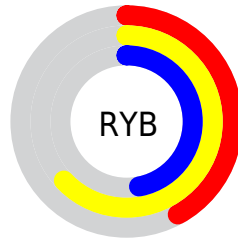
The Yxy color **32.4274, 0.3468, 0.4118** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.3322, 0.2703, 0.2391**, and the grayscale version is **30.6693, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.6955, 0.3409, 0.3948**, and **13.7503, 0.3560, 0.4407** is the 20% darker color. If you saturate the color by 10%, you get **31.7549, 0.3564, 0.4381**, and if you desaturate by 10%, it is **33.1782, 0.3365, 0.3853**.

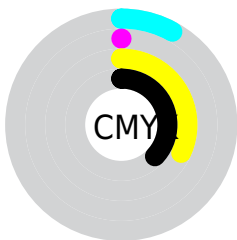
Distribution



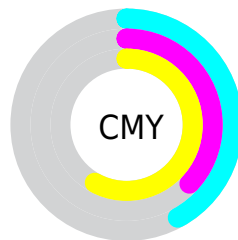
- Red (58%)
- Green (63%)
- Blue (42%)



- Red (42%)
- Yellow (63%)
- Blue (47%)



- Cyan (8%)
- Magenta (0%)
- Yellow (32%)
- Black (37%)



- Cyan (42%)
- Magenta (37%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.4274, 0.3468, 0.4118 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 32.4274, 0.3468, 0.4118 by changing the saturation by 10% instead.


 32.4274, 0.3468,
0.4118


 32.4274, 0.3468,
0.4118


313.0616, 0.3297,
0.3669

 21.6882, 0.3509,
0.4242


 63.4805, 0.3406,
0.3946


 13.6279, 0.3560,
0.4407


 84.5632, 0.3383,
0.3884

 7.8624, 0.3622,
0.4638


 109.8625, 0.3363,
0.3833

 4.0070, 0.3693,
0.4979

 139.7627, 0.3346,
0.3790

 1.6775, 0.4044,
0.5956

174.6484, 0.3331,
0.3753

 0.4090, 0.1228,
0.8772

214.9038, 0.3318,

 0.0000, 0.0000,

0.3721

0.0000

260.9134, 0.3307,
0.3693

■ 32.4274, 0.3468,
0.4118

■ 32.4274, 0.3468,
0.4118

■ 31.7549, 0.3564,
0.4381

■ 33.1782, 0.3365,
0.3853

■ 31.1528, 0.3647,
0.4634

■ 34.0063, 0.3259,
0.3595

■ 30.6187, 0.3713,
0.4864


■ 34.9162, 0.3153,
0.3349


■ 30.1483, 0.3758,
0.5062


■ 35.9108, 0.3050,
0.3119

■ 29.7367, 0.3779,
0.5220

■ 36.9928, 0.2952,
0.2905

 29.3780, 0.3775,
0.5332

 38.1649, 0.2860,
0.2710

 29.1332, 0.3761,
0.5395

 39.4295, 0.2774,
0.2533

 40.7890, 0.2694,
0.2373

 42.2457, 0.2621,
0.2228

Harmonies

Analogous

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



32.4274, 0.3846, 0.4009



32.4274, 0.3468, 0.4118



32.4274, 0.3015, 0.3964

Triad

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



32.4274, 0.3468, 0.4118



32.4274, 0.2293, 0.2769



32.4274, 0.3644, 0.3007

Complementary

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



32.4274, 0.3468, 0.4118



17.3322, 0.2703, 0.2391

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.



32.4274, 0.3189, 0.2727



32.4274, 0.3468, 0.4118



32.4274, 0.2430, 0.2581

Square

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



32.4274, 0.3468, 0.4118



32.4274, 0.2355, 0.3127



32.4274, 0.2747, 0.2573



32.4274, 0.3963, 0.3360

Rectangle

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



32.4274, 0.3468, 0.4118



32.4274, 0.2734, 0.3725



32.4274, 0.2747, 0.2573



32.4274, 0.3500, 0.2902

Sweetspot

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



32.4288, 0.3468, 0.4118



62.1073, 0.3234, 0.3537



22.2340, 0.3787, 0.3502



13.5749, 0.3248, 0.3570



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.



32.4288, 0.3468, 0.4118



57.9750, 0.3538, 0.4310



30.2924, 0.3205, 0.4191



7.6367, 0.3224, 0.3514



22.7137, 0.3766, 0.5392



0.4246, 0.3948, 0.5248

Inverse Universe

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



17.3322, 0.2703, 0.2391



26.2228, 0.2585, 0.2160



19.4690, 0.3006, 0.2465



6.5115, 0.3024, 0.3062



2.3477, 0.1662, 0.0689



0.0601, 0.2053, 0.0905

Previews

White Background



This preview shows how the Yxy color 32.4274, 0.3468, 0.4118 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 32.4274, 0.3468, 0.4118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

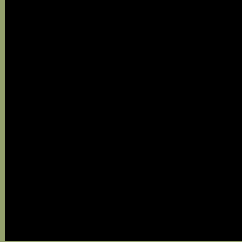
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.4274, 0.3468, 0.4118

Background



This preview shows how black text looks on a background with the Yxy color 32.4274, 0.3468, 0.4118.



This preview shows how white text looks on a background with the Yxy color 32.4274, 0.3468, 0.4118.

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

32.4274, 0.3468, 0.4118

Protanopia

32.3673, 0.3726, 0.4008

Deuteranopia

32.3948, 0.3884, 0.3814



Tritanopia

32.4676, 0.3038, 0.3111

Trichromacy



Original Color

32.4274, 0.3468, 0.4118

Protanomaly

32.3121, 0.3631, 0.4041

Deuteranomaly

32.1283, 0.3730, 0.3914

Tritanomaly

32.4660, 0.3198, 0.3475

Monochromacy



Original Color

32.4274, 0.3468, 0.4118

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

31.2500, 0.3254, 0.3591

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4274, 0.3468, 0.4118 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(147, 160, 108)` looks like.

```
.text, #text, p{  
    color:rgb(147, 160, 108)  
}
```

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(147, 160, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 160, 108) }
```

Border

The CSS property to change the border of an element to Yxy 32.4274, 0.3468, 0.4118 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(147, 160, 108) }
```

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

```
.border{ border-color:rgb(147, 160, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 160, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 160, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 160, 108);  
box-shadow:4px 4px 4px 4px rgb(147, 160,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4274, 0.3468, 0.4118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 160, 108) }
```

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

```
.background{ background-color: rgb(147,  
160, 108) }
```

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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