

Converting Colors

$Yxy(32.2533, 0.3333, 0.4020)$

Have a look what the booklet for
Yxy(32.2533, 0.3333, 0.4020)
contains.

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Color

Yxy(32.4134, 0.3333, 0.4019)

Conversions

Conversions Part 1

Format	Color
Hex	8DA174
RGB	141, 161, 116
RGB Percent	55%, 63%, 45%
CMY	0.4471, 0.3686, 0.5452
CMYK	0.12, 0.00, 0.28, 0.37
HSL	87°, 19%, 54%
HSV	87°, 28%, 63%
XYZ	26.8808, 32.4134, 21.3562
YIQ	149.8900, 2.5250, -18.2350

Conversions

Conversions Part 2

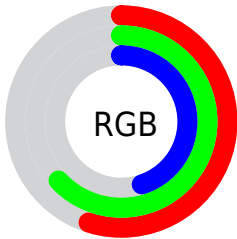
Format	Color
RYB	116, 161, 136
Decimal	9281908
CIELab	63.68, -15.26, 21.18
CIELCh	64, 26.107, 125.774
Yxy	32.4134, 0.3333, 0.4019
Android (android.graphics.Color)	4287471988 (0xFF8DA174)
YUV	149.8900, -16.7078, -7.7965
Hunter-Lab	56.9328, -15.3536, 17.6125

Details

The Yxy color **32.4134, 0.3333, 0.4019** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.2927, 0.2869, 0.2551**, and the grayscale version is **30.5215, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.5410, 0.3298, 0.3871**, and **13.5162, 0.3389, 0.4281** is the 20% darker color. If you saturate the color by 10%, you get **31.4651, 0.3399, 0.4304**, and if you desaturate by 10%, it is **33.4700, 0.3261, 0.3743**.

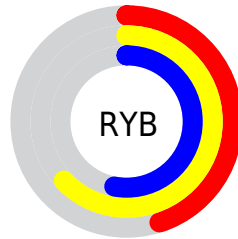
Distribution



Red (55%)

Green (63%)

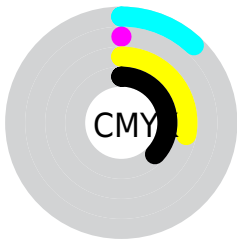
Blue (45%)



Red (45%)

Yellow (63%)

Blue (53%)

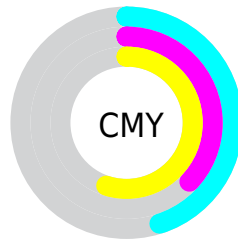


Cyan (12%)

Magenta (0%)

Yellow (28%)

Black (37%)



Cyan (45%)


Magenta (37%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.4134, 0.3333, 0.4019 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 32.4134, 0.3333, 0.4019 by changing the saturation by 10% instead.


 32.4134, 0.3333,
0.4019


 32.4134, 0.3333,
0.4019


312.9981, 0.3231,
0.3622


 21.6775, 0.3357,
0.4130


 63.4586, 0.3297,
0.3866

 13.6201, 0.3386,
0.4280


 84.5367, 0.3283,
0.3811

 7.8569, 0.3421,
0.4493

 109.8309, 0.3271,
0.3766

 4.0035, 0.3458,
0.4816

139.7256, 0.3261,
0.3728

 1.6755, 0.3711,
0.5715

174.6054, 0.3252,
0.3695

 0.4077, 0.0354,
0.9646

214.8544, 0.3244,

 0.0000, 0.0000,

0.3667

0.0000

260.8572, 0.3237,
0.3643

■ 32.4134, 0.3333,
0.4019

■ 32.4134, 0.3333,
0.4019

■ 31.4651, 0.3399,
0.4304

■ 33.4700, 0.3261,
0.3743

■ 30.6167, 0.3455,
0.4590

■ 34.6345, 0.3187,
0.3484

■ 29.8652, 0.3497,
0.4866

■ 35.9119, 0.3112,
0.3243

■ 29.2058, 0.3520,
0.5117

■ 37.3056, 0.3040,
0.3022

■ 28.6331, 0.3521,
0.5332

■ 38.8190, 0.2970,
0.2823

■ 28.1410, 0.3500,
0.5499

■ 40.4552, 0.2904,
0.2643

■ 27.7191, 0.3460,
0.5619

■ 42.2172, 0.2843,
0.2482

■ 27.6387, 0.3452,
0.5641

■ 44.1079, 0.2786,
0.2339

■ 45.7451, 0.2772,
0.2261

Harmonies

Analogous

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



32.4134, 0.3701, 0.3985



32.4134, 0.3333, 0.4019



32.4134, 0.2925, 0.3817

Triad

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



32.4134, 0.3333, 0.4019



32.4134, 0.2386, 0.2760



32.4134, 0.3684, 0.3115

Complementary

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



32.4134, 0.3333, 0.4019



20.2927, 0.2869, 0.2551

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.



32.4134, 0.3296, 0.2836



32.4134, 0.3333, 0.4019



32.4134, 0.2557, 0.2630

Square

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



32.4134, 0.3333, 0.4019



32.4134, 0.2395, 0.3050



32.4134, 0.2882, 0.2662



32.4134, 0.3919, 0.3446

Rectangle

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



32.4134, 0.3333, 0.4019



32.4134, 0.2685, 0.3579



32.4134, 0.2882, 0.2662



32.4134, 0.3566, 0.3013

Sweetspot

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



32.4148, 0.3333, 0.4019



61.9825, 0.3188, 0.3488



26.3034, 0.3638, 0.3599



13.5255, 0.3199, 0.3524



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.



32.4148, 0.3333, 0.4019



56.8926, 0.3378, 0.4209



30.6727, 0.3118, 0.4069



8.0800, 0.3196, 0.3517



22.0971, 0.3457, 0.5637



0.4918, 0.3727, 0.5422

Inverse Universe

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



20.2927, 0.2869, 0.2551



31.2879, 0.2792, 0.2355



22.3291, 0.3124, 0.2605



7.0067, 0.3053, 0.3062



3.1647, 0.1938, 0.0841



0.0944, 0.2369, 0.1079

Previews

White Background



This preview shows how the Yxy color 32.4134, 0.3333, 0.4019 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 32.4134, 0.3333, 0.4019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

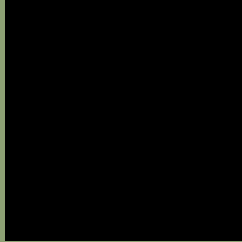
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

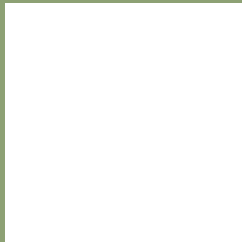
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.4134, 0.3333, 0.4019

Background



This preview shows how black text looks on a background with the Yxy color 32.4134, 0.3333, 0.4019.



This preview shows how white text looks on a background with the Yxy color 32.4134, 0.3333, 0.4019.

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

32.4134, 0.3333, 0.4019

Protanopia

32.3028, 0.3637, 0.3909

Deuteranopia

32.3355, 0.3779, 0.3705



Tritanopia

32.1971, 0.2953, 0.3093

Trichromacy



Original Color

32.4134, 0.3333, 0.4019

Protanomaly

32.3968, 0.3519, 0.3958

Deuteranomaly

32.1975, 0.3603, 0.3818

Tritanomaly

32.2718, 0.3091, 0.3431

Monochromacy



Original Color

32.4134, 0.3333, 0.4019

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

31.1492, 0.3206, 0.3544

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4134, 0.3333, 0.4019 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(141, 161, 116)` looks like.

```
.text, #text, p{  
    color:rgb(141, 161, 116)  
}
```

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(141, 161, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 161, 116) }
```

Border

The CSS property to change the border of an element to Yxy 32.4134, 0.3333, 0.4019 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(141, 161, 116) }
```

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

```
.border{ border-color:rgb(141, 161, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 161, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 161, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 161, 116);  
box-shadow:4px 4px 4px 4px rgb(141, 161,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4134, 0.3333, 0.4019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 161, 116) }
```

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

```
.background{ background-color: rgb(141,  
161, 116) }
```

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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