

Converting Colors

$Y_{xy}(32.3518, 0.3155, 0.3709)$

Have a look what the booklet for
Yxy(32.3518, 0.3155, 0.3709)
contains.

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Color

Yxy(32.3518, 0.3155, 0.3709)

Conversions

Conversions Part 1

Format	Color
Hex	8BA086
RGB	139, 160, 134
RGB Percent	55%, 63%, 53%
CMY	0.4550, 0.3725, 0.4744
CMYK	0.13, 0.00, 0.16, 0.37
HSL	109°, 12%, 58%
HSV	109°, 16%, 63%
XYZ	27.5195, 32.3518, 27.3538
YIQ	150.7570, -4.1700, -12.5380

Conversions

Conversions Part 2

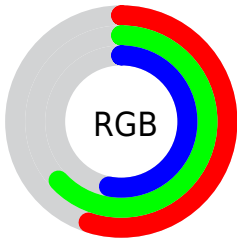
Format	Color
RYB	134, 160, 155
Decimal	9150598
CIELab	63.63, -12.47, 11.10
CIELCh	64, 16.691, 138.314
Yxy	32.3518, 0.3155, 0.3709
Android (android.graphics.Color)	4287340678 (0xFF8BA086)
YUV	150.7570, -8.2612, -10.3109
Hunter-Lab	56.8786, -13.1742, 11.3016

Details

The Yxy color **32.3518, 0.3155, 0.3709** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **26.5660, 0.3092, 0.2892**, and the grayscale version is **30.8750, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.5262, 0.3155, 0.3627**, and **13.4891, 0.3168, 0.3856** is the 20% darker color. If you saturate the color by 10%, you get **30.8909, 0.3169, 0.4003**, and if you desaturate by 10%, it is **34.0150, 0.3138, 0.3442**.

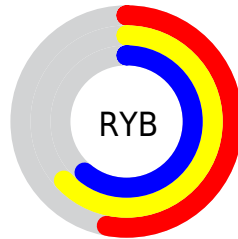
Distribution



Red (55%)

Green (63%)

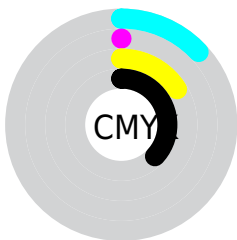
Blue (53%)



Red (53%)

Yellow (63%)

Blue (61%)

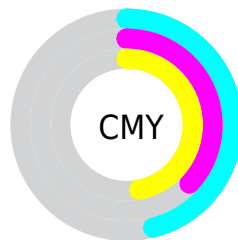


Cyan (13%)

Magenta (0%)

Yellow (16%)

Black (37%)



Cyan (46%)


Magenta (37%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.3518, 0.3155, 0.3709 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 32.3518, 0.3155, 0.3709 by changing the saturation by 10% instead.


 32.3518, 0.3155,
0.3709


 32.3518, 0.3155,
0.3709


312.7187, 0.3143,
0.3482


 21.6304, 0.3157,
0.3772


 63.3622, 0.3151,
0.3622

 13.5855, 0.3159,
0.3859


 84.4199, 0.3150,
0.3590

 7.8330, 0.3161,
0.3982


 109.6919, 0.3148,
0.3564

 3.9883, 0.3159,
0.4172

139.5624, 0.3147,
0.3543

 1.6670, 0.3148,
0.4507

174.4160, 0.3146,
0.3524

 0.4021, 0.1623,
0.8377

214.6370, 0.3145,

 0.0000, 0.0000,

0.3508

0.0000

260.6097, 0.3144,
0.3494

■ 32.3518, 0.3155,
0.3709

■ 32.3518, 0.3155,
0.3709

■ 30.8909, 0.3169,
0.4003

■ 34.0150, 0.3138,
0.3442

■ 29.6205, 0.3179,
0.4321

■ 35.8835, 0.3120,
0.3204

■ 28.5339, 0.3183,
0.4652

■ 37.9656, 0.3102,
0.2994

■ 27.6225, 0.3179,
0.4982

■ 40.2678, 0.3083,
0.2809

■ 26.8767, 0.3166,
0.5292

■ 42.7962, 0.3065,
0.2648

■ 26.2862, 0.3144,
0.5560

■ 45.5570, 0.3048,
0.2508

■ 25.8395, 0.3114,
0.5767

■ 48.5558, 0.3031,
0.2385

■ 25.5221, 0.3079,
0.5904

■ 51.3376, 0.3069,
0.2336

■ 25.4287, 0.3069,
0.5946

■ 53.6243, 0.3171,
0.2366

Harmonies

Analogous

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



32.3518, 0.3410, 0.3758



32.3518, 0.3155, 0.3709



32.3518, 0.2900, 0.3532

Triad

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



32.3518, 0.3155, 0.3709



32.3518, 0.2676, 0.2900



32.3518, 0.3560, 0.3271

Complementary

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



32.3518, 0.3155, 0.3709



26.5660, 0.3092, 0.2892

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.



32.3518, 0.3348, 0.3064



32.3518, 0.3155, 0.3709



32.3518, 0.2837, 0.2852

Square

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



32.3518, 0.3155, 0.3709



32.3518, 0.2630, 0.3054



32.3518, 0.3082, 0.2913



32.3518, 0.3651, 0.3492

Rectangle

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



32.3518, 0.3155, 0.3709



32.3518, 0.2763, 0.3370



32.3518, 0.3082, 0.2913



32.3518, 0.3500, 0.3198

Sweetspot

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



32.3532, 0.3155, 0.3709



62.1249, 0.3136, 0.3413



32.5754, 0.3376, 0.3607



13.5783, 0.3137, 0.3430



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.



32.3532, 0.3155, 0.3709



57.8707, 0.3160, 0.3798



32.1614, 0.3040, 0.3584



7.4590, 0.3144, 0.3519



19.8216, 0.3073, 0.5942



0.3690, 0.3303, 0.5759

Inverse Universe

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



26.5660, 0.3092, 0.2892



45.6114, 0.3083, 0.2813



26.8030, 0.3227, 0.3013



6.6905, 0.3108, 0.3067



5.6581, 0.2740, 0.1283



0.1163, 0.2941, 0.1394

Previews

White Background



This preview shows how the Yxy color 32.3518, 0.3155, 0.3709 looks on a white background.

Color Contrast Check

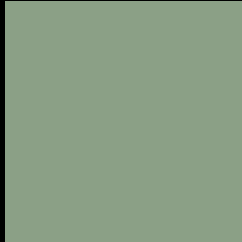
Large Text (above 18pt) WCAG AA × Fail

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 32.3518, 0.3155, 0.3709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

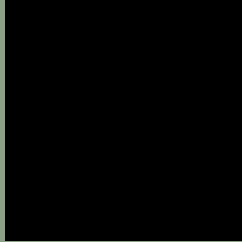
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.3518, 0.3155, 0.3709

Background



This preview shows how black text looks on a background with the Yxy color 32.3518, 0.3155, 0.3709.



This preview shows how white text looks on a background with the Yxy color 32.3518, 0.3155, 0.3709.

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

32.3518, 0.3155, 0.3709

Protanopia

32.1025, 0.3431, 0.3625

Deuteranopia

32.0713, 0.3535, 0.3466



Tritanopia

32.1991, 0.2908, 0.3091

Trichromacy



Original Color

32.3518, 0.3155, 0.3709

Protanomaly

32.3129, 0.3331, 0.3663

Deuteranomaly

31.8871, 0.3394, 0.3549

Tritanomaly

32.2650, 0.2993, 0.3305

Monochromacy



Original Color

32.3518, 0.3155, 0.3709

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.3586, 0.3140, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3518, 0.3155, 0.3709 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(139, 160, 134)` looks like.

```
.text, #text, p{  
    color:rgb(139, 160, 134)  
}
```

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(139, 160, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 160, 134) }
```

Border

The CSS property to change the border of an element to Yxy 32.3518, 0.3155, 0.3709 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(139, 160, 134) }
```

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

```
.border{ border-color:rgb(139, 160, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 160, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 160, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 160, 134);  
box-shadow:4px 4px 4px 4px rgb(139, 160,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 32.3518, 0.3155, 0.3709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 160, 134) }
```

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

```
.background{ background-color: rgb(139,  
160, 134) }
```

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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