

Converting Colors

$Y_{xy}(32.4120, 0.3101, 0.3516)$

Have a look what the booklet for
Yxy(32.4120, 0.3101, 0.3516)
contains.

Yxy(32.3070, 0.3107, 0.3511)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(32.3070, 0.3107, 0.3511)

Conversions

Conversions Part 1

Format	Color
Hex	8F9E90
RGB	143, 158, 144
RGB Percent	56%, 62%, 56%
CMY	0.4392, 0.3804, 0.4352
CMYK	0.09, 0.00, 0.09, 0.38
HSL	124°, 7%, 59%
HSV	124°, 9%, 62%
XYZ	28.5895, 32.3070, 31.1200
YIQ	151.9190, -4.4460, -7.5340

Conversions

Conversions Part 2

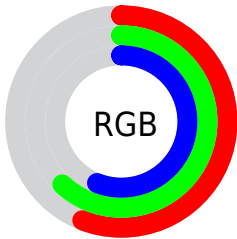
Format	Color
R_{YB}	143, 157, 158
Decimal	9412240
CIE Lab	63.60, -8.07, 5.49
CIE LCh	64, 9.765, 145.774
Yxy	32.3070, 0.3107, 0.3511
Android (android.graphics.Color)	4287602320 (0xFF8F9E90)
YUV	151.9190, -3.9041, -7.8220
Hunter-Lab	56.8392, -9.6851, 7.3257

Details

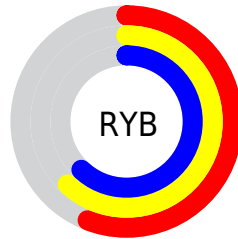
The Yxy color **32.3070, 0.3107, 0.3511** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.3488, 0.3148, 0.3079**, and the grayscale version is **31.3823, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.5360, 0.3111, 0.3467**, and **13.6507, 0.3099, 0.3588** is the 20% darker color. If you saturate the color by 10%, you get **30.5745, 0.3085, 0.3774**, and if you desaturate by 10%, it is **34.2997, 0.3128, 0.3279**.

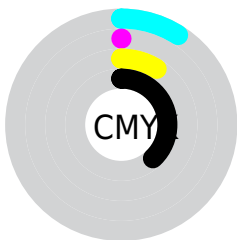
Distribution



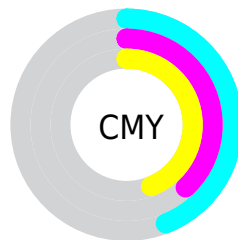
- Red (56%)
- Green (62%)
- Blue (56%)



- Red (56%)
- Yellow (62%)
- Blue (62%)



- Cyan (9%)
- Magenta (0%)
- Yellow (9%)
- Black (38%)





- Cyan (44%)
- Magenta (38%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.3070, 0.3107, 0.3511 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 32.3070, 0.3107, 0.3511 by changing the saturation by 10% instead.

 32.3070, 0.3107,
0.3511


 32.3070, 0.3107,
0.3511


312.5154, 0.3119,
0.3392


 21.5961, 0.3104,
0.3544


 63.2921, 0.3112,
0.3466

 13.5604, 0.3099,
0.3588


 84.3350, 0.3113,
0.3449

 7.8156, 0.3092,
0.3651


 109.5908, 0.3114,
0.3436

 3.9772, 0.3080,
0.3747

139.4437, 0.3116,
0.3424

 1.6608, 0.3058,
0.3914

174.2782, 0.3116,
0.3414

 0.3981, 0.2883,
0.6331

214.4788, 0.3117,

 0.0000, 0.0000,

0.3406

0.0000

260.4297, 0.3118,
0.3399

■ 32.3070, 0.3107,
0.3511

■ 32.3070, 0.3107,
0.3511

■ 30.5745, 0.3085,
0.3774

■ 34.2997, 0.3128,
0.3279

■ 29.0875, 0.3062,
0.4066

■ 36.5583, 0.3148,
0.3077

■ 27.8362, 0.3039,
0.4384

■ 39.0937, 0.3166,
0.2901

■ 26.8085, 0.3019,
0.4716

■ 41.9147, 0.3183,
0.2750

■ 25.9911, 0.3001,
0.5046

■ 45.0299, 0.3198,
0.2620

■ 25.3695, 0.2989,
0.5355

■ 48.4474, 0.3211,
0.2507

■ 24.9273, 0.2983,
0.5619

■ 52.1752, 0.3223,
0.2410

■ 24.6453, 0.2984,
0.5818

■ 52.9345, 0.3171,
0.2347

■ 24.4848, 0.2986,
0.5944

Harmonies

Analogous

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



32.3070, 0.3260, 0.3561



32.3070, 0.3107, 0.3511



32.3070, 0.2962, 0.3397

Triad

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



32.3070, 0.3107, 0.3511



32.3070, 0.2878, 0.3047



32.3070, 0.3400, 0.3315

Complementary

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



32.3070, 0.3107, 0.3511



29.3488, 0.3148, 0.3079

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.



32.3070, 0.3292, 0.3185



32.3070, 0.3107, 0.3511



32.3070, 0.2990, 0.3032

Square

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



32.3070, 0.3107, 0.3511



32.3070, 0.2832, 0.3127



32.3070, 0.3142, 0.3083



32.3070, 0.3432, 0.3443

Rectangle

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



32.3070, 0.3107, 0.3511



32.3070, 0.2888, 0.3303



32.3070, 0.3142, 0.3083



32.3070, 0.3371, 0.3271

Sweetspot

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



32.3084, 0.3107, 0.3511



60.9423, 0.3121, 0.3358



33.6061, 0.3254, 0.3518



13.6748, 0.3119, 0.3376



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.



32.3084, 0.3107, 0.3511



58.0954, 0.3103, 0.3554



32.5450, 0.3041, 0.3391



7.4080, 0.3108, 0.3505



19.6061, 0.2984, 0.5942



0.3524, 0.2909, 0.5672

Inverse Universe

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



29.3488, 0.3148, 0.3079



51.8194, 0.3152, 0.3039



29.1008, 0.3222, 0.3191



6.7468, 0.3147, 0.3084



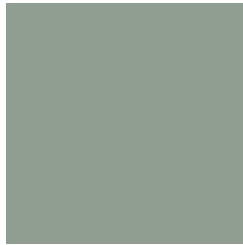
7.5196, 0.3382, 0.1637



0.1365, 0.3306, 0.1595

Previews

White Background



This preview shows how the Yxy color 32.3070, 0.3107, 0.3511 looks on a white background.

Color Contrast Check

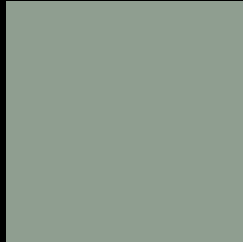
Large Text (above 18pt) WCAG AA × Fail

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 32.3070, 0.3107, 0.3511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

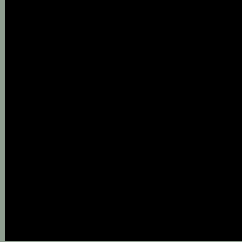
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

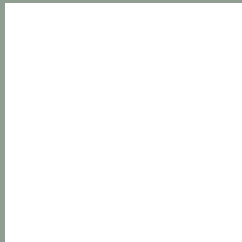
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.3070, 0.3107, 0.3511

Background



This preview shows how black text looks on a background with the Yxy color 32.3070, 0.3107, 0.3511.



This preview shows how white text looks on a background with the Yxy color 32.3070, 0.3107, 0.3511.

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

32.3070, 0.3107, 0.3511

Protanopia

32.0765, 0.3302, 0.3473

Deuteranopia

32.3409, 0.3397, 0.3334



Tritanopia

32.4358, 0.2944, 0.3108

Trichromacy



Original Color

32.3070, 0.3107, 0.3511

Protanomaly

32.1680, 0.3228, 0.3491

Deuteranomaly

32.0779, 0.3286, 0.3396

Tritanomaly

32.3911, 0.3004, 0.3244

Monochromacy



Original Color

32.3070, 0.3107, 0.3511

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.6707, 0.3124, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.3070, 0.3107, 0.3511 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(143, 158, 144)` looks like.

```
.text, #text, p{  
    color:rgb(143, 158, 144)  
}
```

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(143, 158, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 158, 144) }
```

Border

The CSS property to change the border of an element to Yxy 32.3070, 0.3107, 0.3511 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(143, 158, 144) }
```

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

```
.border{ border-color:rgb(143, 158, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 158, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 158, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 158, 144);  
box-shadow:4px 4px 4px 4px rgb(143, 158,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 32.3070, 0.3107, 0.3511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 158, 144) }
```

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

```
.background{ background-color: rgb(143,  
158, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor