

Converting Colors

$Yxy(31.8878, 0.3135, 0.3544)$

Have a look what the booklet for
Yxy(31.8878, 0.3135, 0.3544)
contains.

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Color

Yxy(31.8767, 0.3135, 0.3544)

Conversions

Conversions Part 1

Format	Color
Hex	8F9D8D
RGB	143, 157, 141
RGB Percent	56%, 62%, 55%
CMY	0.4391, 0.3843, 0.4470
CMYK	0.09, 0.00, 0.10, 0.38
HSL	112°, 8%, 58%
HSV	112°, 10%, 62%
XYZ	28.1979, 31.8767, 29.8709
YIQ	150.9900, -3.2080, -7.9440

Conversions

Conversions Part 2

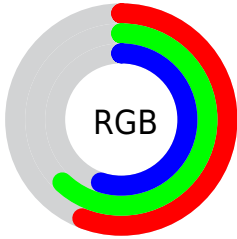
Format	Color
RYB	141, 157, 155
Decimal	9411981
CIELab	63.24, -8.08, 6.67
CIELCh	63, 10.476, 140.475
Yxy	31.8767, 0.3135, 0.3544
Android (android.graphics.Color)	4287602061 (0xFF8F9D8D)
YUV	150.9900, -4.9251, -7.0072
Hunter-Lab	56.4595, -9.6546, 8.1532

Details

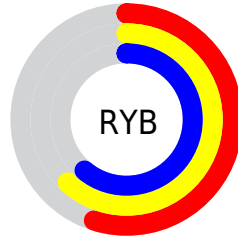
The Yxy color **31.8767, 0.3135, 0.3544** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.4534, 0.3117, 0.3045**, and the grayscale version is **30.9688, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.8974, 0.3132, 0.3492**, and **13.3906, 0.3139, 0.3637** is the 20% darker color. If you saturate the color by 10%, you get **30.2931, 0.3141, 0.3824**, and if you desaturate by 10%, it is **33.6789, 0.3127, 0.3294**.

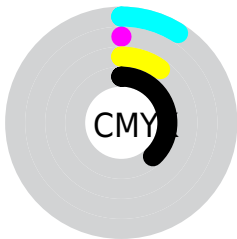
Distribution



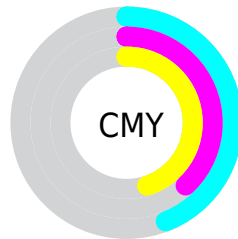
- Red (56%)
- Green (62%)
- Blue (55%)



- Red (55%)
- Yellow (62%)
- Blue (61%)



- Cyan (9%)
- Magenta (0%)
- Yellow (10%)
- Black (38%)




- Cyan (44%)
- Magenta (38%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.8767, 0.3135, 0.3544 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 31.8767, 0.3135, 0.3544 by changing the saturation by 10% instead.


 31.8767, 0.3135,
0.3544


 31.8767, 0.3135,
0.3544


310.5572, 0.3132,
0.3407

 21.2673, 0.3135,
0.3582


 62.6177, 0.3134,
0.3492

 13.3196, 0.3136,
0.3633


 83.5182, 0.3134,
0.3473

 7.6490, 0.3136,
0.3707

 108.6178, 0.3133,
0.3457

 3.8712, 0.3134,
0.3819

138.3010, 0.3133,
0.3444

 1.6018, 0.3128,
0.4015

172.9522, 0.3133,
0.3433

 0.3588, 0.2861,
0.7139

212.9556, 0.3132,

 0.0000, 0.0000,

0.3423

0.0000

258.6959, 0.3132,
0.3414

■ 31.8767, 0.3135,
0.3544

■ 31.8767, 0.3135,
0.3544

■ 30.2931, 0.3141,
0.3824

■ 33.6789, 0.3127,
0.3294

■ 28.9157, 0.3144,
0.4132

■ 35.7033, 0.3118,
0.3074

■ 27.7375, 0.3143,
0.4461

■ 37.9586, 0.3109,
0.2882

■ 26.7490, 0.3137,
0.4801

■ 40.4517, 0.3099,
0.2714

■ 25.9402, 0.3126,
0.5132

■ 43.1893, 0.3090,
0.2569

■ 25.3002, 0.3109,
0.5433

■ 46.1780, 0.3081,
0.2443

■ 24.8169, 0.3086,
0.5681

■ 49.4238, 0.3072,
0.2334

■ 24.4764, 0.3060,
0.5859

■ 52.1623, 0.3153,
0.2332

■ 24.2591, 0.3037,
0.5970

■ 52.5915, 0.3172,
0.2338

Harmonies

Analogous

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



31.8767, 0.3297, 0.3583



31.8767, 0.3135, 0.3544



31.8767, 0.2974, 0.3431

Triad

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



31.8767, 0.3135, 0.3544



31.8767, 0.2844, 0.3039



31.8767, 0.3406, 0.3291

Complementary

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



31.8767, 0.3135, 0.3544



28.4534, 0.3117, 0.3045

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.



31.8767, 0.3279, 0.3154



31.8767, 0.3135, 0.3544



31.8767, 0.2954, 0.3010

Square

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



31.8767, 0.3135, 0.3544



31.8767, 0.2809, 0.3135



31.8767, 0.3112, 0.3053



31.8767, 0.3456, 0.3432

Rectangle

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



31.8767, 0.3135, 0.3544



31.8767, 0.2888, 0.3331



31.8767, 0.3112, 0.3053



31.8767, 0.3370, 0.3244

Sweetspot

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



31.8781, 0.3135, 0.3544



59.3524, 0.3130, 0.3363



32.4878, 0.3278, 0.3502



13.0041, 0.3130, 0.3382



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.



31.8781, 0.3135, 0.3544



56.4823, 0.3136, 0.3599



31.8781, 0.3063, 0.3450



7.4393, 0.3134, 0.3520



19.7144, 0.3040, 0.5968



0.3627, 0.3207, 0.5835

Inverse Universe

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



28.4534, 0.3117, 0.3045



49.2122, 0.3115, 0.2995



28.4600, 0.3197, 0.3135



6.7119, 0.3118, 0.3068



6.3154, 0.2898, 0.1370



0.1237, 0.3031, 0.1444

Previews

White Background



This preview shows how the Yxy color 31.8767, 0.3135, 0.3544 looks on a white background.

Color Contrast Check

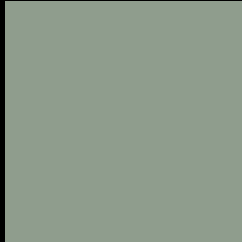
Large Text (above 18pt) WCAG AA × Fail

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 31.8767, 0.3135, 0.3544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

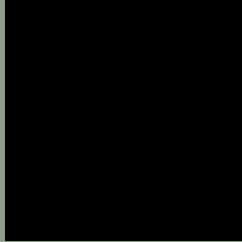
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

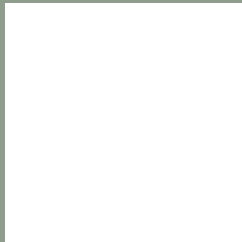
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.8767, 0.3135, 0.3544

Background



This preview shows how black text looks on a background with the Yxy color 31.8767, 0.3135, 0.3544.



This preview shows how white text looks on a background with the Yxy color 31.8767, 0.3135, 0.3544.

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

31.8767, 0.3135, 0.3544

Protanopia

31.6915, 0.3323, 0.3489

Deuteranopia

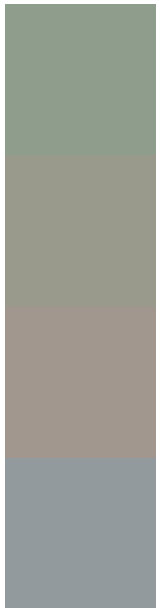
31.8209, 0.3419, 0.3364



Tritanopia

31.7387, 0.2952, 0.3092

Trichromacy



Original Color

31.8767, 0.3135, 0.3544

Protanomaly

31.7770, 0.3248, 0.3508

Deuteranomaly

31.6633, 0.3317, 0.3427

Tritanomaly

31.6565, 0.3022, 0.3243

Monochromacy



Original Color

31.8767, 0.3135, 0.3544

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.1849, 0.3133, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.8767, 0.3135, 0.3544 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, 157, 141)` looks like.

```
.text, #text, p{  
    color:rgb(143, 157, 141)  
}
```

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, 157, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 157, 141) }
```

Border

The CSS property to change the border of an element to Yxy 31.8767, 0.3135, 0.3544 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, 157, 141) }
```

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

```
.border{ border-color:rgb(143, 157, 141) }
```

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

Here you see how a box with a 4 pixel rgb(143, 157, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 157, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 157, 141);  
box-shadow:4px 4px 4px 4px rgb(143, 157,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 31.8767, 0.3135, 0.3544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 157, 141) }
```

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

```
.background{ background-color: rgb(143,  
157, 141) }
```

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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