

Converting Colors

$Yxy(31.1651, 0.3095, 0.3505)$

Have a look what the booklet for
Yxy(31.1651, 0.3095, 0.3505)
contains.

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Color

Yxy(31.3054, 0.3097, 0.3515)

Conversions

Conversions Part 1

Format	Color
Hex	8C9C8E
RGB	140, 156, 142
RGB Percent	55%, 61%, 56%
CMY	0.4511, 0.3882, 0.4432
CMYK	0.10, 0.00, 0.09, 0.39
HSL	128°, 7%, 58%
HSV	128°, 10%, 61%
XYZ	27.5826, 31.3054, 30.1743
YIQ	149.6200, -5.0420, -7.7460

Conversions

Conversions Part 2

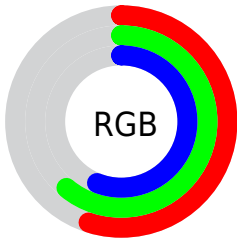
Format	Color
RYB	140, 154, 156
Decimal	9215118
CIELab	62.76, -8.47, 5.41
CIELCh	63, 10.050, 147.448
Yxy	31.3054, 0.3097, 0.3515
Android (android.graphics.Color)	4287405198 (0xFF8C9C8E)
YUV	149.6200, -3.7567, -8.4367
Hunter-Lab	55.9512, -9.9185, 7.1910

Details

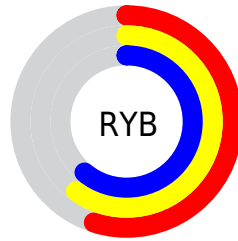
The Yxy color **31.3054, 0.3097, 0.3515** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.1523, 0.3159, 0.3075**, and the grayscale version is **30.3466, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.5480, 0.3104, 0.3458**, and **13.0495, 0.3085, 0.3595** is the 20% darker color. If you saturate the color by 10%, you get **29.6613, 0.3067, 0.3763**, and if you desaturate by 10%, it is **33.1945, 0.3126, 0.3296**.

Distribution



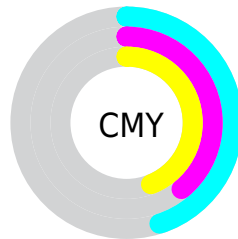
- Red (55%)
- Green (61%)
- Blue (56%)



- Red (55%)
- Yellow (60%)
- Blue (61%)



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (39%)




- Cyan (45%)
- Magenta (39%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.3054, 0.3097, 0.3515 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 31.3054, 0.3097, 0.3515 by changing the saturation by 10% instead.


 31.3054, 0.3097,
0.3515


 31.3054, 0.3097,
0.3515


307.9428, 0.3114,
0.3393


 20.8315, 0.3092,
0.3549


 61.7206, 0.3104,
0.3468

 13.0009, 0.3085,
0.3595


 82.4307, 0.3106,
0.3452

 7.4292, 0.3075,
0.3660


 107.3216, 0.3108,
0.3438

 3.7319, 0.3059,
0.3762

136.7778, 0.3110,
0.3426

 1.5248, 0.3028,
0.3939

171.1836, 0.3111,
0.3416

 0.3061, 0.2155,
0.7845

210.9234, 0.3112,

 0.0000, 0.0000,

0.3408

0.0000

256.3817, 0.3113,
0.3400

■ 31.3054, 0.3097,
0.3515

■ 31.3054, 0.3097,
0.3515

■ 29.6613, 0.3067,
0.3763

■ 33.1945, 0.3126,
0.3296

■ 28.2483, 0.3037,
0.4038

■ 35.3340, 0.3154,
0.3104

■ 27.0573, 0.3009,
0.4337

■ 37.7338, 0.3181,
0.2937

■ 26.0769, 0.2985,
0.4651

■ 40.4024, 0.3205,
0.2792

■ 25.2948, 0.2966,
0.4968

■ 43.3478, 0.3228,
0.2667

■ 24.6974, 0.2955,
0.5269

■ 46.5777, 0.3248,
0.2559

■ 24.2691, 0.2953,
0.5534

■ 50.0993, 0.3267,
0.2466

■ 23.9922, 0.2960,
0.5745

■ 52.0160, 0.3203,
0.2361

■ 23.8294, 0.2970,
0.5891

■ 52.2605, 0.3172,
0.2329

Harmonies

Analogous

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



31.3054, 0.3257, 0.3571



31.3054, 0.3097, 0.3515



31.3054, 0.2948, 0.3394

Triad

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



31.3054, 0.3097, 0.3515



31.3054, 0.2873, 0.3035



31.3054, 0.3415, 0.3324

Complementary

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



31.3054, 0.3097, 0.3515



28.1523, 0.3159, 0.3075

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.



31.3054, 0.3307, 0.3188



31.3054, 0.3097, 0.3515



31.3054, 0.2993, 0.3023

Square

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



31.3054, 0.3097, 0.3515



31.3054, 0.2821, 0.3114



31.3054, 0.3151, 0.3079



31.3054, 0.3444, 0.3455

Rectangle

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



31.3054, 0.3097, 0.3515



31.3054, 0.2874, 0.3295



31.3054, 0.3151, 0.3079



31.3054, 0.3386, 0.3277

Sweetspot

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



31.3067, 0.3097, 0.3515



59.2823, 0.3118, 0.3354



32.5571, 0.3257, 0.3537



12.9850, 0.3116, 0.3370



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.



31.3067, 0.3097, 0.3515



56.2332, 0.3091, 0.3561



31.5518, 0.3027, 0.3387



7.4139, 0.3100, 0.3491



19.6282, 0.2968, 0.5883



0.3544, 0.2839, 0.5422

Inverse Universe

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



28.1523, 0.3159, 0.3075



49.5004, 0.3165, 0.3033



27.8983, 0.3239, 0.3195



6.7403, 0.3155, 0.3097



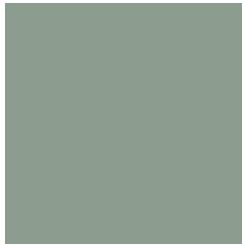
7.3004, 0.3545, 0.1727



0.1342, 0.3394, 0.1643

Previews

White Background



This preview shows how the Yxy color 31.3054, 0.3097, 0.3515 looks on a white background.

Color Contrast Check

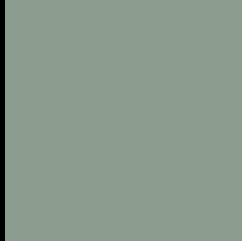
Large Text (above 18pt) WCAG AA × Fail

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 31.3054, 0.3097, 0.3515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

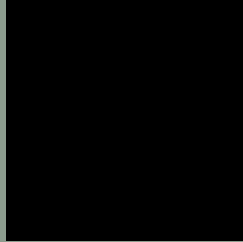
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.3054, 0.3097, 0.3515

Background



This preview shows how black text looks on a background with the Yxy color 31.3054, 0.3097, 0.3515.



This preview shows how white text looks on a background with the Yxy color 31.3054, 0.3097, 0.3515.

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

31.3054, 0.3097, 0.3515

Protanopia

31.1654, 0.3304, 0.3475

Deuteranopia

31.0064, 0.3392, 0.3320



Tritanopia

31.4284, 0.2933, 0.3105

Trichromacy



Original Color

31.3054, 0.3097, 0.3515

Protanomaly

31.2552, 0.3229, 0.3494

Deuteranomaly

31.0650, 0.3277, 0.3398

Tritanomaly

31.3852, 0.2993, 0.3243

Monochromacy



Original Color

31.3054, 0.3097, 0.3515

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.6740, 0.3113, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.3054, 0.3097, 0.3515 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(140, 156, 142)` looks like.

```
.text, #text, p{  
    color:rgb(140, 156, 142)  
}
```

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(140, 156, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 156, 142) }
```

Border

The CSS property to change the border of an element to Yxy 31.3054, 0.3097, 0.3515 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(140, 156, 142) }
```

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

```
.border{ border-color:rgb(140, 156, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 156, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 156, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 156, 142);  
box-shadow:4px 4px 4px 4px rgb(140, 156,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 31.3054, 0.3097, 0.3515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 156, 142) }
```

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

```
.background{ background-color: rgb(140,  
156, 142) }
```

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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