

Converting Colors

$Yxy(31.1378, 0.3411, 0.4121)$

Have a look what the booklet for
Yxy(31.1378, 0.3411, 0.4121)
contains.

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Color

Yxy(31.0907, 0.3411, 0.4127)

Conversions

Conversions Part 1

Format	Color
Hex	8C9E6B
RGB	140, 158, 107
RGB Percent	55%, 62%, 42%
CMY	0.4509, 0.3804, 0.5805
CMYK	0.11, 0.00, 0.32, 0.38
HSL	81°, 21%, 52%
HSV	81°, 32%, 62%
XYZ	25.6967, 31.0907, 18.5474
YIQ	146.8040, 5.6430, -19.6770

Conversions

Conversions Part 2

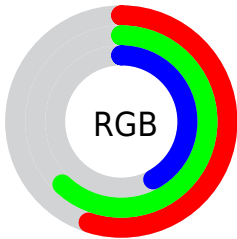
Format	Color
RYB	107, 158, 125
Decimal	9215595
CIELab	62.58, -15.42, 24.62
CIELCh	63, 29.050, 122.052
Yxy	31.0907, 0.3411, 0.4127
Android (android.graphics.Color)	4287405675 (0xFF8C9E6B)
YUV	146.8040, -19.6234, -5.9671
Hunter-Lab	55.7590, -15.3160, 19.3094

Details

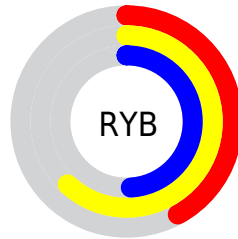
The Yxy color **31.0907, 0.3411, 0.4127** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.3338, 0.2766, 0.2412**, and the grayscale version is **29.1739, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.5610, 0.3357, 0.3952**, and **12.9550, 0.3479, 0.4433** is the 20% darker color. If you saturate the color by 10%, you get **30.3178, 0.3489, 0.4402**, and if you desaturate by 10%, it is **31.9515, 0.3326, 0.3854**.

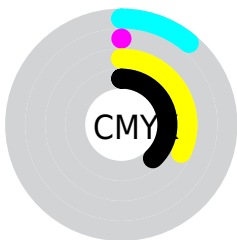
Distribution



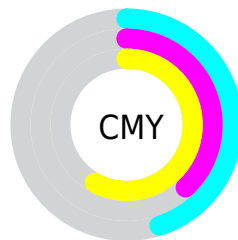
- Red (55%)
- Green (62%)
- Blue (42%)



- Red (42%)
- Yellow (62%)
- Blue (49%)



- Cyan (11%)
- Magenta (0%)
- Yellow (32%)
- Black (38%)





- Cyan (45%)
- Magenta (38%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.0907, 0.3411, 0.4127 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 31.0907, 0.3411, 0.4127 by changing the saturation by 10% instead.


 31.0907, 0.3411,
0.4127


 31.0907, 0.3411,
0.4127


306.9560, 0.3269,
0.3668


 20.6679, 0.3444,
0.4256


 61.3828, 0.3360,
0.3950


 12.8815, 0.3485,
0.4429


 82.0210, 0.3341,
0.3887

 7.3470, 0.3533,
0.4675


 106.8331, 0.3325,
0.3834

 3.6800, 0.3582,
0.5045

 136.2034, 0.3310,
0.3790

 1.4962, 0.3889,
0.6111

170.5165, 0.3298,
0.3753

 0.2861, 0.0000,
1.0000

210.1567, 0.3287,

 0.0000, 0.0000,

0.3721

0.0000

255.5084, 0.3278,
0.3693

■ 31.0907, 0.3411,
0.4127

■ 31.0907, 0.3411,
0.4127

■ 30.3178, 0.3489,
0.4402

■ 31.9515, 0.3326,
0.3854

■ 29.6252, 0.3555,
0.4671

■ 32.8997, 0.3237,
0.3592

■ 29.0101, 0.3604,
0.4921


■ 33.9397, 0.3147,
0.3344

■ 28.4682, 0.3632,
0.5141


■ 35.0745, 0.3060,
0.3115


■ 27.9944, 0.3637,
0.5319


■ 36.3071, 0.2976,
0.2905

 27.5829, 0.3618,
0.5450

 37.6402, 0.2897,
0.2714

 27.2979, 0.3594,
0.5529

 39.0764, 0.2823,
0.2541

 40.6182, 0.2754,
0.2386

 42.2679, 0.2691,
0.2247

Harmonies

Analogous

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



31.0907, 0.3813, 0.4049



31.0907, 0.3411, 0.4127



31.0907, 0.2951, 0.3933

Triad

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



31.0907, 0.3411, 0.4127



31.0907, 0.2288, 0.2723



31.0907, 0.3708, 0.3048

Complementary

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



31.0907, 0.3411, 0.4127



17.3338, 0.2766, 0.2412

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.



31.0907, 0.3256, 0.2751



31.0907, 0.3411, 0.4127



31.0907, 0.2454, 0.2558

Square

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



31.0907, 0.3411, 0.4127



31.0907, 0.2323, 0.3065



31.0907, 0.2797, 0.2575



31.0907, 0.4003, 0.3412

Rectangle

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



31.0907, 0.3411, 0.4127



31.0907, 0.2674, 0.3672



31.0907, 0.2797, 0.2575



31.0907, 0.3568, 0.2939

Sweetspot

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



31.0921, 0.3411, 0.4127



60.1279, 0.3218, 0.3538



22.9543, 0.3755, 0.3582



13.5012, 0.3230, 0.3572



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.



31.0921, 0.3411, 0.4127



55.3985, 0.3470, 0.4333



29.1344, 0.3155, 0.4198



7.6033, 0.3209, 0.3515



21.8850, 0.3598, 0.5525



0.4141, 0.3848, 0.5327

Inverse Universe

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



17.3338, 0.2766, 0.2412



26.3111, 0.2661, 0.2183



19.4944, 0.3070, 0.2486



6.5433, 0.3040, 0.3063



2.6634, 0.1791, 0.0760



0.0701, 0.2244, 0.1010

Previews

White Background



This preview shows how the Yxy color 31.0907, 0.3411, 0.4127 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 31.0907, 0.3411, 0.4127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

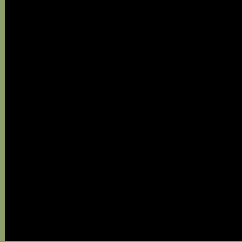
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.0907, 0.3411, 0.4127

Background



This preview shows how black text looks on a background with the Yxy color 31.0907, 0.3411, 0.4127.



This preview shows how white text looks on a background with the Yxy color 31.0907, 0.3411, 0.4127.

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

31.0907, 0.3411, 0.4127

Protanopia

30.9192, 0.3716, 0.4008

Deuteranopia

30.9603, 0.3866, 0.3796



Tritanopia

31.0735, 0.2988, 0.3106

Trichromacy



Original Color

31.0907, 0.3411, 0.4127

Protanomaly

31.0997, 0.3605, 0.4058

Deuteranomaly

30.9162, 0.3694, 0.3914

Tritanomaly

31.1141, 0.3139, 0.3464

Monochromacy



Original Color

31.0907, 0.3411, 0.4127

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.7285, 0.3236, 0.3598

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0907, 0.3411, 0.4127 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, 158, 107)` looks like.

```
.text, #text, p{  
    color:rgb(140, 158, 107)  
}
```

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, 158, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 158, 107) }
```

Border

The CSS property to change the border of an element to Yxy 31.0907, 0.3411, 0.4127 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, 158, 107) }
```

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

```
.border{ border-color:rgb(140, 158, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 158, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 158, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 158, 107);  
box-shadow:4px 4px 4px 4px rgb(140, 158,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0907, 0.3411, 0.4127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 158, 107) }
```

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

```
.background{ background-color: rgb(140,  
158, 107) }
```

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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