

Converting Colors

$Yxy(31.4620, 0.3081, 0.3818)$

Have a look what the booklet for
Yxy(31.4620, 0.3081, 0.3818)
contains.

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Color

Yxy(31.5867, 0.3083, 0.3825)

Conversions

Conversions Part 1

Format	Color
Hex	7FA181
RGB	127, 161, 129
RGB Percent	50%, 63%, 51%
CMY	0.5020, 0.3686, 0.4940
CMYK	0.21, 0.00, 0.20, 0.37
HSL	124°, 15%, 56%
HSV	124°, 21%, 63%
XYZ	25.4593, 31.5867, 25.5336
YIQ	147.1860, -9.9920, -17.1600

Conversions

Conversions Part 2

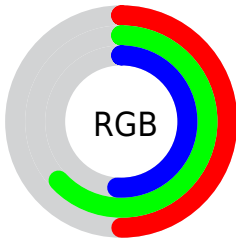
Format	Color
RYB	127, 159, 161
Decimal	8364417
CIELab	63.00, -18.21, 12.87
CIElCh	63, 22.299, 144.738
Yxy	31.5867, 0.3083, 0.3825
Android (android.graphics.Color)	4286554497 (0xFF7FA181)
YUV	147.1860, -8.9657, -17.7031
Hunter-Lab	56.2020, -17.4938, 12.4049

Details

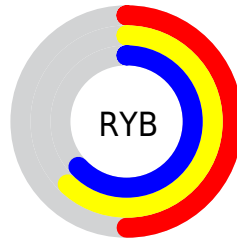
The Yxy color **31.5867, 0.3083, 0.3825** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.2540, 0.3173, 0.2808**, and the grayscale version is **29.2996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.1924, 0.3093, 0.3712**, and **13.0942, 0.3055, 0.4009** is the 20% darker color. If you saturate the color by 10%, you get **30.0760, 0.3061, 0.4125**, and if you desaturate by 10%, it is **33.3572, 0.3105, 0.3554**.

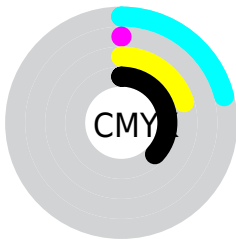
Distribution



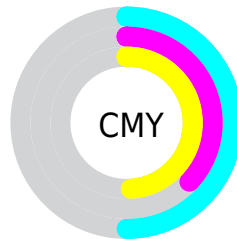
- Red (50%)
- Green (63%)
- Blue (51%)



- Red (50%)
- Yellow (62%)
- Blue (63%)



- Cyan (21%)
- Magenta (0%)
- Yellow (20%)
- Black (37%)




- Cyan (50%)
- Magenta (37%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.5867, 0.3083, 0.3825 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 31.5867, 0.3083, 0.3825 by changing the saturation by 10% instead.


 31.5867, 0.3083,
0.3825

 31.5867, 0.3083,
0.3825


309.2322, 0.3111,
0.3531

 21.0460, 0.3073,
0.3908

 62.1626, 0.3095,
0.3711

 13.1576, 0.3059,
0.4022


 82.9666, 0.3099,
0.3671

 7.5372, 0.3037,
0.4187


 107.9605, 0.3102,
0.3637

 3.8003, 0.2996,
0.4446

137.5287, 0.3104,
0.3609

 1.5625, 0.2935,
0.4952

172.0556, 0.3107,
0.3585

 0.3321, 0.0000,
1.0000

211.9255, 0.3108,

 0.0000, 0.0000,

0.3565

0.0000

257.5229, 0.3110,
0.3547

■ 31.5867, 0.3083,
0.3825

■ 31.5867, 0.3083,
0.3825

■ 30.0760, 0.3061,
0.4125

■ 33.3572, 0.3105,
0.3554

■ 28.8091, 0.3039,
0.4449

■ 35.3948, 0.3125,
0.3315

■ 27.7745, 0.3020,
0.4784

■ 37.7112, 0.3144,
0.3106

■ 26.9580, 0.3003,
0.5115

■ 40.3164, 0.3161,
0.2925

■ 26.3440, 0.2992,
0.5418

■ 43.2200, 0.3177,
0.2769

■ 25.9147, 0.2986,
0.5671

■ 46.4309, 0.3191,
0.2634

■ 25.6494, 0.2987,
0.5854

■ 49.9577, 0.3204,
0.2518

■ 25.5127, 0.2988,
0.5955

■ 53.6592, 0.3209,
0.2417

■ 53.9715, 0.3170,
0.2375

Harmonies

Analogous

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



31.5867, 0.3434, 0.3927



31.5867, 0.3083, 0.3825



31.5867, 0.2756, 0.3550

Triad

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



31.5867, 0.3083, 0.3825



31.5867, 0.2560, 0.2742



31.5867, 0.3755, 0.3322

Complementary

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



31.5867, 0.3083, 0.3825



25.2540, 0.3173, 0.2808

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.



31.5867, 0.3495, 0.3042



31.5867, 0.3083, 0.3825



31.5867, 0.2800, 0.2717

Square

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



31.5867, 0.3083, 0.3825



31.5867, 0.2466, 0.2913



31.5867, 0.3140, 0.2826



31.5867, 0.3835, 0.3610

Rectangle

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



31.5867, 0.3083, 0.3825



31.5867, 0.2593, 0.3320



31.5867, 0.3140, 0.2826



31.5867, 0.3685, 0.3225

Sweetspot

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



31.5880, 0.3083, 0.3825



61.5056, 0.3115, 0.3431



34.4254, 0.3420, 0.3806



13.4415, 0.3114, 0.3445



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.



31.5880, 0.3083, 0.3825



55.3375, 0.3073, 0.3952



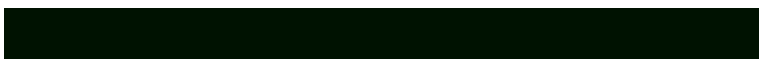
32.0681, 0.2943, 0.3540



7.9016, 0.3108, 0.3508



20.3771, 0.2986, 0.5950



0.4301, 0.2922, 0.5719

Inverse Universe

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



25.2540, 0.3173, 0.2808



42.0788, 0.3184, 0.2707



24.7140, 0.3359, 0.3053



7.1948, 0.3146, 0.3082



7.8466, 0.3363, 0.1626



0.1669, 0.3302, 0.1593

Previews

White Background



This preview shows how the Yxy color 31.5867, 0.3083, 0.3825 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 31.5867, 0.3083, 0.3825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

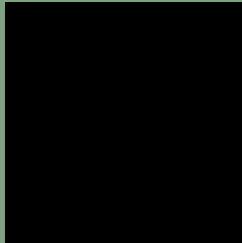
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.5867, 0.3083, 0.3825

Background



This preview shows how black text looks on a background with the Yxy color 31.5867, 0.3083, 0.3825.



This preview shows how white text looks on a background with the Yxy color 31.5867, 0.3083, 0.3825.

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

31.5867, 0.3083, 0.3825

Protanopia

31.4888, 0.3493, 0.3720

Deuteranopia

31.2224, 0.3572, 0.3496



Tritanopia

31.6724, 0.2820, 0.3102

Trichromacy



Original Color

31.5867, 0.3083, 0.3825

Protanomaly

31.3386, 0.3338, 0.3751

Deuteranomaly

30.9400, 0.3383, 0.3601

Tritanomaly

31.6121, 0.2909, 0.3354

Monochromacy



Original Color

31.5867, 0.3083, 0.3825

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.9254, 0.3118, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5867, 0.3083, 0.3825 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(127, 161, 129)` looks like.

```
.text, #text, p{  
    color:rgb(127, 161, 129)  
}
```

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(127, 161, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 161, 129) }
```

Border

The CSS property to change the border of an element to Yxy 31.5867, 0.3083, 0.3825 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(127, 161, 129) }
```

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

```
.border{ border-color:rgb(127, 161, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 161, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 161, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 161, 129); box-shadow:4px 4px 4px 4px rgb(127, 161, 129) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5867, 0.3083, 0.3825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 161, 129) }
```

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

```
.background{ background-color: rgb(127,  
161, 129) }
```

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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