

Converting Colors

$Yxy(30.9964, 0.3299, 0.3821)$

Have a look what the booklet for
Yxy(30.9964, 0.3299, 0.3821)
contains.

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Color

Yxy(31.0466, 0.3301, 0.3825)

Conversions

Conversions Part 1

Format	Color
Hex	8F9C7B
RGB	143, 156, 123
RGB Percent	56%, 61%, 48%
CMY	0.4392, 0.3882, 0.5175
CMYK	0.08, 0.00, 0.21, 0.39
HSL	84°, 14%, 55%
HSV	84°, 21%, 61%
XYZ	26.7934, 31.0466, 23.3276
YIQ	148.3510, 2.8450, -13.0190

Conversions

Conversions Part 2

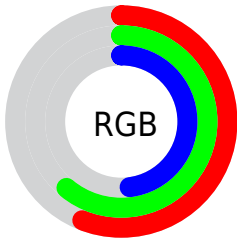
Format	Color
RYB	123, 156, 136
Decimal	9411707
CIELab	62.55, -10.72, 15.75
CIElCh	63, 19.054, 124.240
Yxy	31.0466, 0.3301, 0.3825
Android (android.graphics.Color)	4287601787 (0xFF8F9C7B)
YUV	148.3510, -12.4980, -4.6928
Hunter-Lab	55.7195, -11.6751, 14.1812

Details

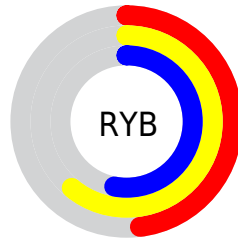
The Yxy color **31.0466, 0.3301, 0.3825** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.8086, 0.2924, 0.2744**, and the grayscale version is **29.8227, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.0981, 0.3267, 0.3702**, and **12.8729, 0.3347, 0.4026** is the 20% darker color. If you saturate the color by 10%, you get **30.1540, 0.3380, 0.4100**, and if you desaturate by 10%, it is **32.0342, 0.3219, 0.3563**.

Distribution



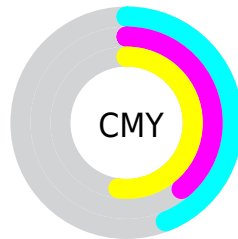
- Red (56%)
- Green (61%)
- Blue (48%)



- Red (48%)
- Yellow (61%)
- Blue (53%)



- Cyan (8%)
- Magenta (0%)
- Yellow (21%)
- Black (39%)



- Cyan (44%)
- Magenta (39%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.0466, 0.3301, 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 31.0466, 0.3301, 0.3825 by changing the saturation by 10% instead.

 31.0466, 0.3301,
0.3825

 31.0466, 0.3301,
0.3825


306.7529, 0.3212,
0.3533


 20.6343, 0.3324,
0.3907


 61.3134, 0.3268,
0.3713

 12.8570, 0.3352,
0.4018


 81.9368, 0.3256,
0.3672

 7.3301, 0.3390,
0.4177


 106.7326, 0.3246,
0.3639

 3.6694, 0.3440,
0.4421

136.0854, 0.3237,
0.3611

 1.4904, 0.3617,
0.5003

170.3794, 0.3229,
0.3587

 0.2820, 0.0218,
0.9782

209.9990, 0.3223,

 0.0000, 0.0000,

0.3567

0.0000

255.3288, 0.3217,
0.3549

■ 31.0466, 0.3301,
0.3825

■ 31.0466, 0.3301,
0.3825

■ 30.1540, 0.3380,
0.4100

■ 32.0342, 0.3219,
0.3563

■ 29.3491, 0.3452,
0.4380

■ 33.1160, 0.3136,
0.3317

■ 28.6293, 0.3512,
0.4656

■ 34.2964, 0.3056,
0.3090

■ 27.9908, 0.3556,
0.4916

■ 35.5782, 0.2978,
0.2883

■ 27.4293, 0.3581,
0.5148

■ 36.9643, 0.2905,
0.2696

■ 26.9396, 0.3583,
0.5340

■ 38.4573, 0.2837,
0.2527

■ 26.5163, 0.3561,
0.5484

■ 40.0596, 0.2773,
0.2376

■ 26.1848, 0.3529,
0.5580

■ 41.7738, 0.2714,
0.2241

■ 43.0476, 0.2714,
0.2191

Harmonies

Analogous

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



31.0466, 0.3568, 0.3802



31.0466, 0.3301, 0.3825



31.0466, 0.2996, 0.3684

Triad

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



31.0466, 0.3301, 0.3825



31.0466, 0.2565, 0.2907



31.0466, 0.3527, 0.3150

Complementary

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



31.0466, 0.3301, 0.3825



21.8086, 0.2924, 0.2744

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.



31.0466, 0.3239, 0.2938



31.0466, 0.3301, 0.3825



31.0466, 0.2691, 0.2796

Square

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



31.0466, 0.3301, 0.3825



31.0466, 0.2581, 0.3133



31.0466, 0.2933, 0.2810



31.0466, 0.3706, 0.3402

Rectangle

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



31.0466, 0.3301, 0.3825



31.0466, 0.2813, 0.3517



31.0466, 0.2933, 0.2810



31.0466, 0.3439, 0.3072

Sweetspot

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



31.0480, 0.3301, 0.3825



59.1472, 0.3177, 0.3437



26.0131, 0.3498, 0.3494



12.9896, 0.3182, 0.3451



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.



31.0480, 0.3301, 0.3825



55.6642, 0.3336, 0.3944



29.7100, 0.3138, 0.3853



7.5898, 0.3203, 0.3515



21.5887, 0.3533, 0.5576



0.4100, 0.3806, 0.5360

Inverse Universe

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



21.8086, 0.2924, 0.2744



36.0373, 0.2874, 0.2619



23.2630, 0.3107, 0.2773



6.5564, 0.3046, 0.3063



2.8256, 0.1855, 0.0796



0.0743, 0.2317, 0.1050

Previews

White Background



This preview shows how the Yxy color 31.0466, 0.3301, 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 31.0466, 0.3301, 0.3825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

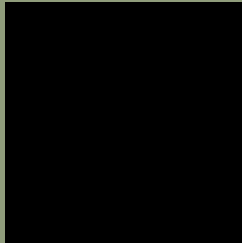
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

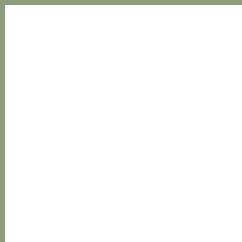
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.0466, 0.3301, 0.3825

Background



This preview shows how black text looks on a background with the Yxy color 31.0466, 0.3301, 0.3825.



This preview shows how white text looks on a background with the Yxy color 31.0466, 0.3301, 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

31.0466, 0.3301, 0.3825

Protanopia

30.9873, 0.3515, 0.3754

Deuteranopia

30.8454, 0.3662, 0.3585



Tritanopia

31.1671, 0.2998, 0.3107

Trichromacy



Original Color

31.0466, 0.3301, 0.3825

Protanomaly

31.0576, 0.3434, 0.3778

Deuteranomaly

30.7367, 0.3524, 0.3673

Tritanomaly

31.1236, 0.3114, 0.3368

Monochromacy



Original Color

31.0466, 0.3301, 0.3825

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

30.1083, 0.3190, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0466, 0.3301, 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(143, 156, 123)` looks like.

```
.text, #text, p{  
    color:rgb(143, 156, 123)  
}
```

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, 156, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 156, 123) }
```

Border

The CSS property to change the border of an element to Yxy 31.0466, 0.3301, 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(143, 156, 123) }
```

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

```
.border{ border-color:rgb(143, 156, 123) }
```

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

Here you see how a box with a 4 pixel rgb(143, 156, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 156, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 156, 123);  
box-shadow:4px 4px 4px 4px rgb(143, 156,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0466, 0.3301, 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(143, 156, 123) }
```

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

```
.background{ background-color: rgb(143,  
156, 123) }
```

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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