

Converting Colors

$Yxy(30.8435, 0.3302, 0.4263)$

Have a look what the booklet for
Yxy(30.8435, 0.3302, 0.4263)
contains.

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Color

Yxy(30.9810, 0.3304, 0.4275)

Conversions

Conversions Part 1

Format	Color
Hex	7FA167
RGB	127, 161, 103
RGB Percent	50%, 63%, 40%
CMY	0.5020, 0.3686, 0.5961
CMYK	0.21, 0.00, 0.36, 0.37
HSL	95°, 24%, 52%
HSV	95°, 36%, 63%
XYZ	23.9441, 30.9810, 17.5450
YIQ	144.2220, -1.6460, -25.2460

Conversions

Conversions Part 2

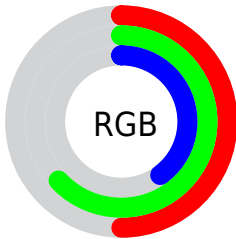
Format	Color
RYB	103, 161, 137
Decimal	8364391
CIELab	62.49, -22.54, 26.50
CIELCh	62, 34.788, 130.389
Yxy	30.9810, 0.3304, 0.4275
Android (android.graphics.Color)	4286554471 (0xFF7FA167)
YUV	144.2220, -20.3224, -15.1037
Hunter-Lab	55.6606, -20.6186, 20.2733

Details

The Yxy color **30.9810, 0.3304, 0.4275** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.5884, 0.2873, 0.2340**, and the grayscale version is **28.0677, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.3020, 0.3279, 0.4058**, and **12.7496, 0.3325, 0.4639** is the 20% darker color. If you saturate the color by 10%, you get **29.9986, 0.3339, 0.4580**, and if you desaturate by 10%, it is **32.0962, 0.3260, 0.3978**.

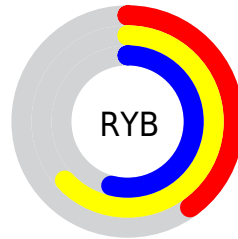
Distribution



Red (50%)

Green (63%)

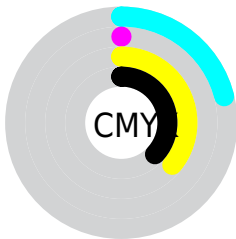
Blue (40%)



Red (40%)

Yellow (63%)

Blue (54%)

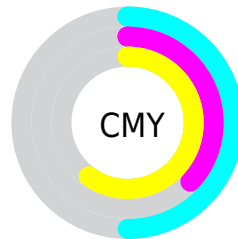


Cyan (21%)

Magenta (0%)

Yellow (36%)

Black (37%)



Cyan (50%)


Magenta (37%)


Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.9810, 0.3304, 0.4275 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 30.9810, 0.3304, 0.4275 by changing the saturation by 10% instead.


 30.9810, 0.3304,
0.4275


 30.9810, 0.3304,
0.4275


306.4508, 0.3224,
0.3729

 20.5844, 0.3318,
0.4431


 61.2102, 0.3278,
0.4063


 12.8205, 0.3332,
0.4643

 81.8115, 0.3268,
0.3987

 7.3051, 0.3338,
0.4946


 106.5832, 0.3258,
0.3925

 3.6536, 0.3318,
0.5410

 135.9096, 0.3250,
0.3873

 1.4818, 0.3402,
0.6598

170.1752, 0.3242,
0.3829

 0.2758, 0.0000,
1.0000

209.7643, 0.3235,

 0.0000, 0.0000,

0.3791

0.0000

255.0614, 0.3229,
0.3758

■ 30.9810, 0.3304,
0.4275

■ 30.9810, 0.3304,
0.4275

■ 29.9986, 0.3339,
0.4580

■ 32.0962, 0.3260,
0.3978

■ 29.1396, 0.3362,
0.4881

■ 33.3453, 0.3211,
0.3696

■ 28.3994, 0.3370,
0.5162


■ 34.7344, 0.3159,
0.3436


■ 27.7715, 0.3359,
0.5408

■ 36.2681, 0.3106,
0.3199

■ 27.2487, 0.3329,
0.5604


■ 37.9506, 0.3055,
0.2985

 26.8216, 0.3283,
0.5743

 39.7860, 0.3006,
0.2794

 26.6720, 0.3264,
0.5790

 41.7784, 0.2959,
0.2624

 43.9316, 0.2914,
0.2473

 46.2491, 0.2873,
0.2339

Harmonies

Analogous

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



30.9810, 0.3819, 0.4250



30.9810, 0.3304, 0.4275



30.9810, 0.2767, 0.3951

Triad

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



30.9810, 0.3304, 0.4275



30.9810, 0.2170, 0.2537



30.9810, 0.3949, 0.3112

Complementary

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



30.9810, 0.3304, 0.4275



17.5884, 0.2873, 0.2340

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.



30.9810, 0.3436, 0.2740



30.9810, 0.3304, 0.4275



30.9810, 0.2423, 0.2412

Square

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



30.9810, 0.3304, 0.4275



30.9810, 0.2143, 0.2880



30.9810, 0.2873, 0.2491



30.9810, 0.4223, 0.3544

Rectangle

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



30.9810, 0.3304, 0.4275



30.9810, 0.2468, 0.3596



30.9810, 0.2873, 0.2491



30.9810, 0.3796, 0.2978

Sweetspot

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



30.9823, 0.3304, 0.4275



60.8840, 0.3186, 0.3568



26.3995, 0.3777, 0.3825



13.2849, 0.3192, 0.3601



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.



30.9823, 0.3304, 0.4275



54.0940, 0.3332, 0.4512



29.4531, 0.3040, 0.4256



8.0315, 0.3176, 0.3518



21.3233, 0.3270, 0.5786



0.4754, 0.3573, 0.5545

Inverse Universe

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



17.5884, 0.2873, 0.2340



26.6048, 0.2801, 0.2122



19.6809, 0.3227, 0.2484



7.0554, 0.3075, 0.3064



3.9957, 0.2218, 0.0996



0.1107, 0.2585, 0.1198

Previews

White Background



This preview shows how the Yxy color 30.9810, 0.3304, 0.4275 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 30.9810, 0.3304, 0.4275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

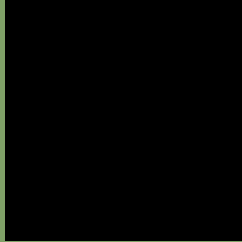
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9810, 0.3304, 0.4275

Background



This preview shows how black text looks on a background with the Yxy color 30.9810, 0.3304, 0.4275.



This preview shows how white text looks on a background with the Yxy color 30.9810, 0.3304, 0.4275.

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

30.9810, 0.3304, 0.4275

Protanopia

30.9266, 0.3776, 0.4079

Deuteranopia

30.5918, 0.3903, 0.3825



Tritanopia

30.8540, 0.2860, 0.3086

Trichromacy



Original Color

30.9810, 0.3304, 0.4275

Protanomaly

30.9421, 0.3603, 0.4162

Deuteranomaly

30.3269, 0.3668, 0.3972

Tritanomaly

30.7466, 0.3021, 0.3502

Monochromacy



Original Color

30.9810, 0.3304, 0.4275

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.8009, 0.3203, 0.3639

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9810, 0.3304, 0.4275 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, 103)` looks like.

```
.text, #text, p{  
    color:rgb(127, 161, 103)  
}
```

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, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 161, 103) }
```

Border

The CSS property to change the border of an element to Yxy 30.9810, 0.3304, 0.4275 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, 103) }
```

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

```
.border{ border-color:rgb(127, 161, 103) }
```

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, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 161, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 161, 103);  
box-shadow:4px 4px 4px 4px rgb(127, 161,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9810, 0.3304, 0.4275 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, 103) }
```

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

```
.background{ background-color: rgb(127,  
161, 103) }
```

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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