

Converting Colors

$Yxy(30.3589, 0.3333, 0.3813)$

Have a look what the booklet for
Yxy(30.3589, 0.3333, 0.3813)
contains.

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Color

Yxy(30.4456, 0.3325, 0.3810)

Conversions

Conversions Part 1

Format	Color
Hex	909A7A
RGB	144, 154, 122
RGB Percent	56%, 60%, 48%
CMY	0.4353, 0.3961, 0.5215
CMYK	0.07, 0.00, 0.21, 0.40
HSL	79°, 14%, 54%
HSV	79°, 21%, 60%
XYZ	26.5700, 30.4456, 22.8941
YIQ	147.3620, 4.3120, -12.0720

Conversions

Conversions Part 2

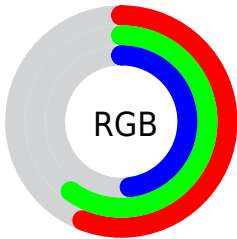
Format	Color
RYB	122, 154, 132
Decimal	9476730
CIELab	62.04, -9.44, 15.62
CIElCh	62, 18.247, 121.139
Yxy	30.4456, 0.3325, 0.3810
Android (android.graphics.Color)	4287666810 (0xFF909A7A)
YUV	147.3620, -12.5035, -2.9485
Hunter-Lab	55.1775, -10.6065, 14.0238

Details

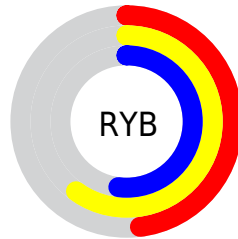
The Yxy color **30.4456, 0.3325, 0.3810** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.1648, 0.2899, 0.2750**, and the grayscale version is **29.3874, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.2127, 0.3284, 0.3691**, and **12.5087, 0.3383, 0.4005** is the 20% darker color. If you saturate the color by 10%, you get **29.6701, 0.3418, 0.4078**, and if you desaturate by 10%, it is **31.3028, 0.3230, 0.3552**.

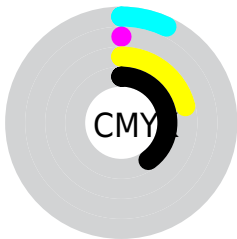
Distribution



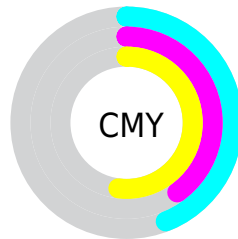
- Red (56%)
- Green (60%)
- Blue (48%)



- Red (48%)
- Yellow (60%)
- Blue (52%)



- Cyan (7%)
- Magenta (0%)
- Yellow (21%)
- Black (40%)





- Cyan (44%)
- Magenta (40%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4456, 0.3325, 0.3810 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 30.4456, 0.3325, 0.3810 by changing the saturation by 10% instead.


 30.4456, 0.3325,
0.3810


 30.4456, 0.3325,
0.3810


303.9760, 0.3222,
0.3526


 20.1771, 0.3352,
0.3890


 60.3662, 0.3287,
0.3701

 12.5238, 0.3386,
0.3998


 80.7870, 0.3273,
0.3661

 7.1015, 0.3432,
0.4153


 105.3606, 0.3261,
0.3629

 3.5256, 0.3494,
0.4392

134.4716, 0.3251,
0.3602

 1.4119, 0.3726,
0.5002

168.5042, 0.3242,
0.3579

 0.2255, 0.0000,
1.0000

207.8429, 0.3235,

 0.0000, 0.0000,

0.3559

0.0000

252.8720, 0.3228,
0.3542

■ 30.4456, 0.3325,
0.3810

■ 30.4456, 0.3325,
0.3810

■ 29.6701, 0.3418,
0.4078

■ 31.3028, 0.3230,
0.3552

■ 28.9692, 0.3504,
0.4348

■ 32.2407, 0.3134,
0.3308

■ 28.3409, 0.3579,
0.4612

■ 33.2631, 0.3042,
0.3082

■ 27.7817, 0.3637,
0.4859

■ 34.3728, 0.2954,
0.2874

■ 27.2877, 0.3676,
0.5076

■ 35.5722, 0.2870,
0.2684

■ 26.8543, 0.3691,
0.5254

■ 36.8636, 0.2793,
0.2513

■ 26.4762, 0.3682,
0.5386

■ 38.2492, 0.2720,
0.2359

■ 26.1648, 0.3658,
0.5477

■ 39.7313, 0.2654,
0.2220

■ 40.9446, 0.2628,
0.2144

Harmonies

Analogous

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



30.4456, 0.3574, 0.3773



30.4456, 0.3325, 0.3810



30.4456, 0.3031, 0.3690

Triad

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



30.4456, 0.3325, 0.3810



30.4456, 0.2580, 0.2939



30.4456, 0.3487, 0.3131

Complementary

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



30.4456, 0.3325, 0.3810



21.1648, 0.2899, 0.2750

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.



30.4456, 0.3204, 0.2933



30.4456, 0.3325, 0.3810



30.4456, 0.2688, 0.2818

Square

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



30.4456, 0.3325, 0.3810



30.4456, 0.2609, 0.3166



30.4456, 0.2912, 0.2820



30.4456, 0.3674, 0.3373

Rectangle

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



30.4456, 0.3325, 0.3810



30.4456, 0.2849, 0.3536



30.4456, 0.2912, 0.2820



30.4456, 0.3399, 0.3058

Sweetspot

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



30.4469, 0.3325, 0.3810



57.6339, 0.3185, 0.3436



24.6741, 0.3498, 0.3447



13.0224, 0.3191, 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.



30.4469, 0.3325, 0.3810



54.6207, 0.3369, 0.3936



29.1397, 0.3165, 0.3837



7.1259, 0.3215, 0.3513



21.3354, 0.3663, 0.5474



0.3380, 0.3910, 0.5278

Inverse Universe

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



21.1648, 0.2899, 0.2750



34.5988, 0.2838, 0.2613



22.5162, 0.3076, 0.2778



6.1154, 0.3034, 0.3063



2.4340, 0.1738, 0.0731



0.0542, 0.2193, 0.0982

Previews

White Background



This preview shows how the Yxy color 30.4456, 0.3325, 0.3810 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 30.4456, 0.3325, 0.3810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

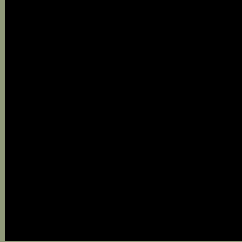
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

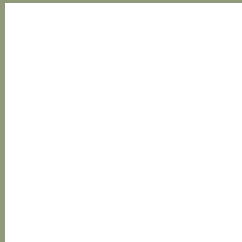
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.4456, 0.3325, 0.3810

Background



This preview shows how black text looks on a background with the Yxy color 30.4456, 0.3325, 0.3810.



This preview shows how white text looks on a background with the Yxy color 30.4456, 0.3325, 0.3810.

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

30.4456, 0.3325, 0.3810

Protanopia

30.2219, 0.3521, 0.3742

Deuteranopia

30.2860, 0.3654, 0.3588



Tritanopia

30.4577, 0.3016, 0.3106

Trichromacy



Original Color

30.4456, 0.3325, 0.3810

Protanomaly

30.3837, 0.3450, 0.3764

Deuteranomaly

30.2913, 0.3527, 0.3676

Tritanomaly

30.4428, 0.3124, 0.3353

Monochromacy



Original Color

30.4456, 0.3325, 0.3810

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.7587, 0.3200, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4456, 0.3325, 0.3810 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(144, 154, 122)` looks like.

```
.text, #text, p{  
    color:rgb(144, 154, 122)  
}
```

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(144, 154, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 154, 122) }
```

Border

The CSS property to change the border of an element to Yxy 30.4456, 0.3325, 0.3810 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(144, 154, 122) }
```

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

```
.border{ border-color:rgb(144, 154, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 154, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 154, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 154, 122);  
box-shadow:4px 4px 4px 4px rgb(144, 154,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4456, 0.3325, 0.3810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 154, 122) }
```

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

```
.background{ background-color: rgb(144,  
154, 122) }
```

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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