

Converting Colors

$Yxy(34.9738, 0.2968, 0.3796)$

Have a look what the booklet for
Yxy(34.9738, 0.2968, 0.3796)
contains.

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Color

Yxy(34.8986, 0.2974, 0.3795)

Conversions

Conversions Part 1

Format	Color
Hex	7CAA8B
RGB	124, 170, 139
RGB Percent	49%, 67%, 55%
CMY	0.5136, 0.3333, 0.4550
CMYK	0.27, 0.00, 0.18, 0.33
HSL	140°, 21%, 58%
HSV	140°, 27%, 67%
XYZ	27.3487, 34.8986, 29.7121
YIQ	152.7120, -17.4650, -19.3930

Conversions

Conversions Part 2

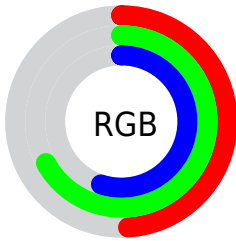
Format	Color
RYB	124, 159, 170
Decimal	8170123
CIELab	65.67, -21.93, 11.09
CIElCh	66, 24.574, 153.185
Yxy	34.8986, 0.2974, 0.3795
Android (android.graphics.Color)	4286360203 (0xFF7CAA8B)
YUV	152.7120, -6.7600, -25.1804
Hunter-Lab	59.0750, -20.7449, 11.5323

Details

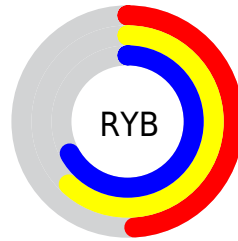
The Yxy color **34.8986, 0.2974, 0.3795** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.3368, 0.3323, 0.2834**, and the grayscale version is **31.7615, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0478, 0.3001, 0.3679**, and **15.1340, 0.2920, 0.3980** is the 20% darker color. If you saturate the color by 10%, you get **33.4225, 0.2923, 0.4020**, and if you desaturate by 10%, it is **36.6312, 0.3029, 0.3590**.

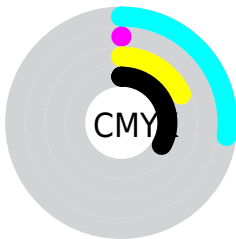
Distribution



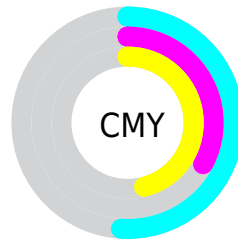
- Red (49%)
- Green (67%)
- Blue (55%)



- Red (49%)
- Yellow (62%)
- Blue (67%)



- Cyan (27%)
- Magenta (0%)
- Yellow (18%)
- Black (33%)





- Cyan (51%)
- Magenta (33%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8986, 0.2974, 0.3795 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 34.8986, 0.2974, 0.3795 by changing the saturation by 10% instead.


 34.8986, 0.2974,
0.3795


 34.8986, 0.2974,
0.3795


324.1205, 0.3058,
0.3522

 23.5848, 0.2950,
0.3871


 67.3287, 0.3007,
0.3690

 15.0259, 0.2917,
0.3974


 89.2137, 0.3018,
0.3653

 8.8376, 0.2869,
0.4120


 115.3912, 0.3028,
0.3621

 4.6354, 0.2794,
0.4345

146.2457, 0.3036,
0.3595

 2.0350, 0.2660,
0.4732

182.1614, 0.3043,
0.3573

 0.6277, 0.0888,
0.9112

223.5229, 0.3049,

 0.0000, 0.0000,

0.3553

0.0000

270.7145, 0.3054,
0.3537

■ 34.8986, 0.2974,
0.3795

■ 34.8986, 0.2974,
0.3795

■ 33.4225, 0.2923,
0.4020

■ 36.6312, 0.3029,
0.3590

■ 32.1863, 0.2879,
0.4261

■ 38.6272, 0.3087,
0.3407

■ 31.1779, 0.2846,
0.4515

■ 40.8990, 0.3144,
0.3244


■ 30.3829, 0.2825,
0.4772

■ 43.4567, 0.3201,
0.3100

■ 29.7847, 0.2821,
0.5024


■ 46.3097, 0.3255,
0.2975

 29.3644, 0.2833,
0.5259


 49.4674, 0.3308,
0.2865

 29.0943, 0.2860,
0.5467

 52.9384, 0.3357,
0.2769

 29.0279, 0.2868,
0.5523

 55.7648, 0.3361,
0.2678

 56.4335, 0.3267,
0.2572

Harmonies

Analogous

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



34.8986, 0.3351, 0.3962



34.8986, 0.2974, 0.3795



34.8986, 0.2652, 0.3465

Triad

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



34.8986, 0.2974, 0.3795



34.8986, 0.2582, 0.2685



34.8986, 0.3843, 0.3410

Complementary

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



34.8986, 0.2974, 0.3795



25.3368, 0.3323, 0.2834

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.



34.8986, 0.3612, 0.3105



34.8986, 0.2974, 0.3795



34.8986, 0.2873, 0.2701

Square

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



34.8986, 0.2974, 0.3795



34.8986, 0.2436, 0.2821



34.8986, 0.3250, 0.2852



34.8986, 0.3866, 0.3706

Rectangle

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



34.8986, 0.2974, 0.3795



34.8986, 0.2506, 0.3217



34.8986, 0.3250, 0.2852



34.8986, 0.3787, 0.3306

Sweetspot

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



34.9001, 0.2974, 0.3795



69.6615, 0.3080, 0.3426



37.2177, 0.3384, 0.3983



15.4104, 0.3072, 0.3452



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.9001, 0.2974, 0.3795



61.7825, 0.2945, 0.3917



35.6300, 0.2802, 0.3422



8.4465, 0.3074, 0.3446



21.3627, 0.2862, 0.5503



0.5291, 0.2670, 0.4810

Inverse Universe

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



25.3368, 0.3323, 0.2834



41.7060, 0.3374, 0.2738



24.6470, 0.3592, 0.3164



7.6245, 0.3185, 0.3139



7.2029, 0.4220, 0.2099



0.1840, 0.3815, 0.1875

Previews

White Background



This preview shows how the Yxy color 34.8986, 0.2974, 0.3795 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 34.8986, 0.2974, 0.3795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

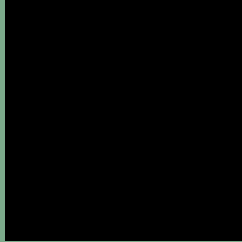
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.8986, 0.2974, 0.3795

Background



This preview shows how black text looks on a background with the Yxy color 34.8986, 0.2974, 0.3795.



This preview shows how white text looks on a background with the Yxy color 34.8986, 0.2974, 0.3795.

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

34.8986, 0.2974, 0.3795

Protanopia

34.8146, 0.3459, 0.3673

Deuteranopia

34.4388, 0.3512, 0.3447



Tritanopia

34.9499, 0.2729, 0.3092

Trichromacy



Original Color

34.8986, 0.2974, 0.3795

Protanomaly

34.6191, 0.3270, 0.3721

Deuteranomaly

34.1929, 0.3302, 0.3561

Tritanomaly

34.9070, 0.2812, 0.3336

Monochromacy



Original Color

34.8986, 0.2974, 0.3795

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.6852, 0.3062, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8986, 0.2974, 0.3795 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(124, 170, 139)` looks like.

```
.text, #text, p{  
    color:rgb(124, 170, 139)  
}
```

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(124, 170, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 170, 139) }
```

Border

The CSS property to change the border of an element to Yxy 34.8986, 0.2974, 0.3795 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(124, 170, 139) }
```

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

```
.border{ border-color:rgb(124, 170, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 170, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 170, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 170, 139);  
box-shadow:4px 4px 4px 4px rgb(124, 170,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8986, 0.2974, 0.3795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 170, 139) }
```

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

```
.background{ background-color: rgb(124,  
170, 139) }
```

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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