

Converting Colors

$Yxy(34.5613, 0.2971, 0.3888)$

Have a look what the booklet for
Yxy(34.5613, 0.2971, 0.3888)
contains.

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Color

Yxy(34.3926, 0.2971, 0.3887)

Conversions

Conversions Part 1

Format	Color
Hex	77AA86
RGB	119, 170, 134
RGB Percent	47%, 67%, 53%
CMY	0.5332, 0.3333, 0.4746
CMYK	0.30, 0.00, 0.21, 0.33
HSL	138°, 23%, 57%
HSV	138°, 30%, 67%
XYZ	26.2877, 34.3926, 27.8008
YIQ	150.6470, -18.8400, -22.0080

Conversions

Conversions Part 2

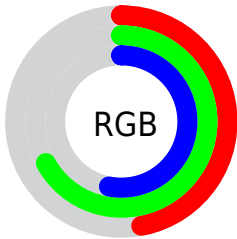
Format	Color
RYB	119, 158, 170
Decimal	7842438
CIELab	65.27, -24.55, 13.25
CIELCh	65, 27.892, 151.649
Yxy	34.3926, 0.2971, 0.3887
Android (android.graphics.Color)	4286032518 (0xFF77AA86)
YUV	150.6470, -8.2070, -27.7544
Hunter-Lab	58.6452, -22.6164, 12.9452

Details

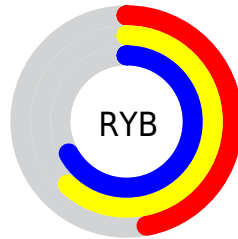
The Yxy color **34.3926, 0.2971, 0.3887** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.1154, 0.3331, 0.2760**, and the grayscale version is **30.8333, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7512, 0.3004, 0.3771**, and **14.8259, 0.2907, 0.4120** is the 20% darker color. If you saturate the color by 10%, you get **32.9801, 0.2925, 0.4128**, and if you desaturate by 10%, it is **36.0612, 0.3021, 0.3666**.

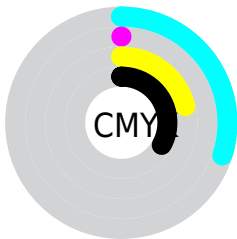
Distribution



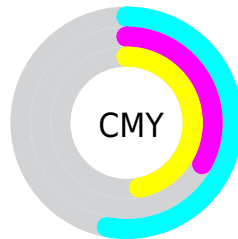
- Red (47%)
- Green (67%)
- Blue (53%)



- Red (47%)
- Yellow (62%)
- Blue (67%)



- Cyan (30%)
- Magenta (0%)
- Yellow (21%)
- Black (33%)




- Cyan (53%)
- Magenta (33%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3926, 0.2971, 0.3887 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 34.3926, 0.2971, 0.3887 by changing the saturation by 10% instead.

 34.3926, 0.2971,
0.3887


 34.3926, 0.2971,
0.3887


321.8791, 0.3059,
0.3562


 23.1954, 0.2945,
0.3978


 66.5437, 0.3006,
0.3762

 14.7378, 0.2910,
0.4102


 88.2664, 0.3018,
0.3717

 8.6356, 0.2857,
0.4280


 114.2664, 0.3028,
0.3680

 4.5043, 0.2773,
0.4554

144.9280, 0.3036,
0.3649

 1.9595, 0.2617,
0.5033

180.6357, 0.3043,
0.3622

 0.5838, 0.0000,
1.0000

221.7739, 0.3049,

 0.0000, 0.0000,

0.3599

0.0000

268.7269, 0.3054,
0.3579

■ 34.3926, 0.2971,
0.3887

■ 34.3926, 0.2971,
0.3887

■ 32.9801, 0.2925,
0.4128

■ 36.0612, 0.3021,
0.3666

■ 31.8067, 0.2887,
0.4386

■ 37.9934, 0.3074,
0.3467

■ 30.8600, 0.2859,
0.4653


■ 40.2018, 0.3127,
0.3290


■ 30.1245, 0.2845,
0.4920

■ 42.6967, 0.3180,
0.3134

■ 29.5830, 0.2846,
0.5175


■ 45.4881, 0.3230,
0.2997

 29.2153, 0.2862,
0.5405

 48.5853, 0.3279,
0.2878

 28.9786, 0.2889,
0.5601

 51.9974, 0.3324,
0.2774

 28.9782, 0.2889,
0.5601

 55.7270, 0.3367,
0.2684

 56.4258, 0.3268,
0.2573

Harmonies

Analogous

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



34.3926, 0.3399, 0.4065



34.3926, 0.2971, 0.3887



34.3926, 0.2602, 0.3510

Triad

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



34.3926, 0.2971, 0.3887



34.3926, 0.2496, 0.2608



34.3926, 0.3937, 0.3402

Complementary

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



34.3926, 0.2971, 0.3887



24.1154, 0.3331, 0.2760

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.



34.3926, 0.3662, 0.3062



34.3926, 0.2971, 0.3887



34.3926, 0.2816, 0.2621

Square

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



34.3926, 0.2971, 0.3887



34.3926, 0.2343, 0.2767



34.3926, 0.3242, 0.2784



34.3926, 0.3974, 0.3741

Rectangle

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



34.3926, 0.2971, 0.3887



34.3926, 0.2433, 0.3224



34.3926, 0.3242, 0.2784



34.3926, 0.3869, 0.3286

Sweetspot

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



34.3940, 0.2971, 0.3887



69.2445, 0.3078, 0.3451



37.1057, 0.3428, 0.4059



15.3227, 0.3071, 0.3478



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.



34.3940, 0.2971, 0.3887



60.6440, 0.2940, 0.4046



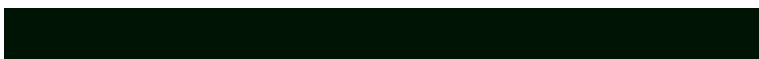
35.1749, 0.2782, 0.3466



8.4426, 0.3078, 0.3454



21.3257, 0.2884, 0.5582



0.5277, 0.2695, 0.4903

Inverse Universe

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



24.1154, 0.3331, 0.2760



38.9438, 0.3389, 0.2640



23.3610, 0.3638, 0.3123



7.6285, 0.3180, 0.3132



7.2965, 0.4102, 0.2033



0.1858, 0.3747, 0.1838

Previews

White Background



This preview shows how the Yxy color 34.3926, 0.2971, 0.3887 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 34.3926, 0.2971, 0.3887 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 34.3926, 0.2971, 0.3887

Background



This preview shows how black text looks on a background with the Yxy color 34.3926, 0.2971, 0.3887.



This preview shows how white text looks on a background with the Yxy color 34.3926, 0.2971, 0.3887.

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

34.3926, 0.2971, 0.3887

Protanopia

34.2277, 0.3499, 0.3736

Deuteranopia

33.9947, 0.3556, 0.3490



Tritanopia

34.3144, 0.2711, 0.3090

Trichromacy



Original Color

34.3926, 0.2971, 0.3887

Protanomaly

33.9364, 0.3296, 0.3789

Deuteranomaly

33.8715, 0.3319, 0.3624

Tritanomaly

34.2056, 0.2809, 0.3368

Monochromacy



Original Color

34.3926, 0.2971, 0.3887

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.9870, 0.3060, 0.3497

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3926, 0.2971, 0.3887 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(119, 170, 134)` looks like.

```
.text, #text, p{  
    color:rgb(119, 170, 134)  
}
```

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(119, 170, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 170, 134) }
```

Border

The CSS property to change the border of an element to Yxy 34.3926, 0.2971, 0.3887 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(119, 170, 134) }
```

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

```
.border{ border-color:rgb(119, 170, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 170, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 170, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 170, 134);  
box-shadow:4px 4px 4px 4px rgb(119, 170,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3926, 0.2971, 0.3887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 170, 134) }
```

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

```
.background{ background-color: rgb(119,  
170, 134) }
```

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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