

Converting Colors

Yxy(34.2156, 0.3111, 0.4067)

Have a look what the booklet for
Yxy(34.2156, 0.3111, 0.4067)
contains.

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Color

Yxy(34.1410, 0.3117, 0.4068)

Conversions

Conversions Part 1

Format	Color
Hex	7DA97A
RGB	125, 169, 122
RGB Percent	49%, 66%, 48%
CMY	0.5098, 0.3373, 0.5215
CMYK	0.26, 0.00, 0.28, 0.34
HSL	116°, 21%, 57%
HSV	116°, 28%, 66%
XYZ	26.1597, 34.1410, 23.6251
YIQ	150.4860, -11.1370, -23.9450

Conversions

Conversions Part 2

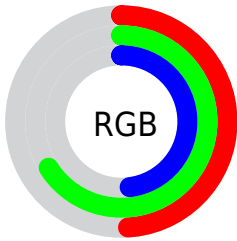
Format	Color
RYB	122, 169, 166
Decimal	8235386
CIELab	65.07, -24.22, 19.60
CIElCh	65, 31.159, 141.015
Yxy	34.1410, 0.3117, 0.4068
Android (android.graphics.Color)	4286425466 (0xFF7DA97A)
YUV	150.4860, -14.0436, -22.3512
Hunter-Lab	58.4303, -22.3373, 16.9285

Details

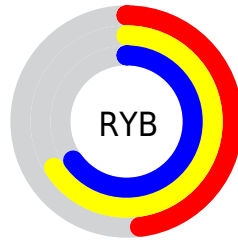
The Yxy color **34.1410, 0.3117, 0.4068** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **24.8919, 0.3125, 0.2606**, and the grayscale version is **30.7828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.9902, 0.3126, 0.3894**, and **14.6995, 0.3101, 0.4355** is the 20% darker color. If you saturate the color by 10%, you get **32.6618, 0.3109, 0.4401**, and if you desaturate by 10%, it is **35.8856, 0.3122, 0.3760**.

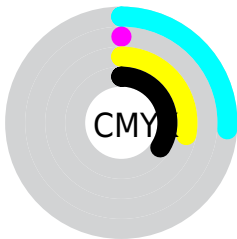
Distribution



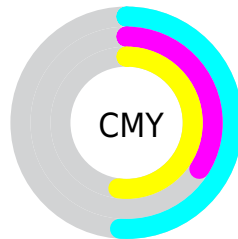
- Red (49%)
- Green (66%)
- Blue (48%)



- Red (48%)
- Yellow (66%)
- Blue (65%)



- Cyan (26%)
- Magenta (0%)
- Yellow (28%)
- Black (34%)





- Cyan (51%)
- Magenta (34%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1410, 0.3117, 0.4068 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 34.1410, 0.3117, 0.4068 by changing the saturation by 10% instead.


 34.1410, 0.3117,
0.4068


 34.1410, 0.3117,
0.4068


320.7603, 0.3132,
0.3642

 23.0019, 0.3109,
0.4188


 66.1529, 0.3125,
0.3904

 14.5949, 0.3096,
0.4351


 87.7945, 0.3127,
0.3845

 8.5356, 0.3071,
0.4584


 113.7057, 0.3129,
0.3796

 4.4395, 0.3022,
0.4943

144.2710, 0.3130,
0.3756

 1.9223, 0.2977,
0.5699

179.8747, 0.3131,
0.3721

 0.5618, 0.0000,
1.0000

220.9012, 0.3131,

 0.0000, 0.0000,

0.3691

0.0000

267.7350, 0.3131,
0.3665

■ 34.1410, 0.3117,
0.4068

■ 34.1410, 0.3117,
0.4068

■ 32.6618, 0.3109,
0.4401

■ 35.8856, 0.3122,
0.3760

■ 31.4310, 0.3098,
0.4748

■ 37.9031, 0.3126,
0.3484

■ 30.4361, 0.3084,
0.5090

■ 40.2060, 0.3127,
0.3239

■ 29.6620, 0.3068,
0.5405

■ 42.8050, 0.3128,
0.3026

■ 29.0919, 0.3050,
0.5668

■ 45.7100, 0.3127,
0.2841

■ 28.7064, 0.3031,
0.5857

■ 48.9305, 0.3126,
0.2681

■ 28.4800, 0.3016,
0.5968

■ 52.4756, 0.3124,
0.2543

■ 28.4461, 0.3015,
0.5988

■ 56.2110, 0.3139,
0.2443

■ 56.8563, 0.3167,
0.2450

Harmonies

Analogous

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



34.1410, 0.3588, 0.4162



34.1410, 0.3117, 0.4068



34.1410, 0.2670, 0.3704

Triad

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



34.1410, 0.3117, 0.4068



34.1410, 0.2343, 0.2571



34.1410, 0.3953, 0.3272

Complementary

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



34.1410, 0.3117, 0.4068



24.8919, 0.3125, 0.2606

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.



34.1410, 0.3569, 0.2915



34.1410, 0.3117, 0.4068



34.1410, 0.2635, 0.2522

Square

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



34.1410, 0.3117, 0.4068



34.1410, 0.2247, 0.2811



34.1410, 0.3077, 0.2648



34.1410, 0.4094, 0.3657

Rectangle

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



34.1410, 0.3117, 0.4068



34.1410, 0.2443, 0.3383



34.1410, 0.3077, 0.2648



34.1410, 0.3847, 0.3147

Sweetspot

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



34.1425, 0.3117, 0.4068



67.7518, 0.3126, 0.3492



37.0649, 0.3549, 0.3928



14.6458, 0.3125, 0.3531



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



34.1425, 0.3117, 0.4068



59.5570, 0.3113, 0.4258



34.4785, 0.2930, 0.3725



8.4298, 0.3125, 0.3522



21.2095, 0.3018, 0.5986



0.5230, 0.3098, 0.5922

Inverse Universe

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



24.8919, 0.3125, 0.2606



40.3738, 0.3123, 0.2464



24.5142, 0.3389, 0.2893



7.6418, 0.3128, 0.3067



7.5761, 0.3052, 0.1455



0.1914, 0.3108, 0.1486

Previews

White Background



This preview shows how the Yxy color 34.1410, 0.3117, 0.4068 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 34.1410, 0.3117, 0.4068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

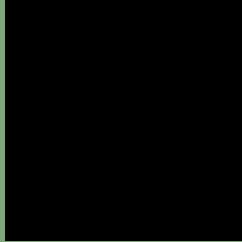
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.1410, 0.3117, 0.4068

Background



This preview shows how black text looks on a background with the Yxy color 34.1410, 0.3117, 0.4068.



This preview shows how white text looks on a background with the Yxy color 34.1410, 0.3117, 0.4068.

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

34.1410, 0.3117, 0.4068

Protanopia

33.8333, 0.3629, 0.3882

Deuteranopia

33.7069, 0.3715, 0.3644



Tritanopia

34.0041, 0.2772, 0.3091

Trichromacy



Original Color

34.1410, 0.3117, 0.4068

Protanomaly

33.5940, 0.3428, 0.3943

Deuteranomaly

33.6158, 0.3475, 0.3789

Tritanomaly

34.1359, 0.2897, 0.3432

Monochromacy



Original Color

34.1410, 0.3117, 0.4068

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

31.6701, 0.3124, 0.3562

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1410, 0.3117, 0.4068 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(125, 169, 122)` looks like.

```
.text, #text, p{  
    color:rgb(125, 169, 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(125, 169, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 169, 122) }
```

Border

The CSS property to change the border of an element to Yxy 34.1410, 0.3117, 0.4068 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(125, 169, 122) }
```

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

```
.border{ border-color:rgb(125, 169, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 169, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 169, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 169, 122);  
box-shadow:4px 4px 4px 4px rgb(125, 169,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1410, 0.3117, 0.4068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 169, 122) }
```

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

```
.background{ background-color: rgb(125,  
169, 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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