

Converting Colors

$Yxy(34.8380, 0.3186, 0.3807)$

Have a look what the booklet for
Yxy(34.8380, 0.3186, 0.3807)
contains.

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Color

Yxy(34.7167, 0.3186, 0.3811)

Conversions

Conversions Part 1

Format	Color
Hex	8EA685
RGB	142, 166, 133
RGB Percent	56%, 65%, 52%
CMY	0.4432, 0.3490, 0.4785
CMYK	0.14, 0.00, 0.20, 0.35
HSL	104°, 16%, 59%
HSV	104°, 20%, 65%
XYZ	29.0232, 34.7167, 27.3561
YIQ	155.0620, -3.7110, -15.3510

Conversions

Conversions Part 2

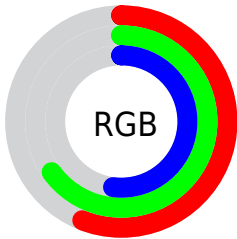
Format	Color
RYB	133, 166, 157
Decimal	9348741
CIELab	65.53, -14.71, 14.36
CIElCh	66, 20.563, 135.691
Yxy	34.7167, 0.3186, 0.3811
Android (android.graphics.Color)	4287538821 (0xFF8EA685)
YUV	155.0620, -10.8766, -11.4554
Hunter-Lab	58.9209, -15.1862, 13.7171

Details

The Yxy color **34.7167, 0.3186, 0.3811** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **26.6931, 0.3053, 0.2793**, and the grayscale version is **32.8571, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.9938, 0.3179, 0.3705**, and **14.8833, 0.3197, 0.4000** is the 20% darker color. If you saturate the color by 10%, you get **33.2844, 0.3211, 0.4110**, and if you desaturate by 10%, it is **36.3402, 0.3157, 0.3536**.

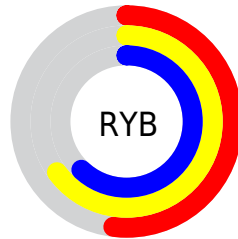
Distribution



Red (56%)

Green (65%)

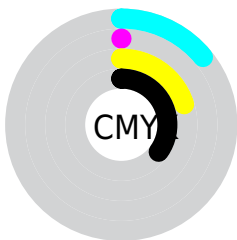
Blue (52%)



Red (52%)

Yellow (65%)

Blue (62%)

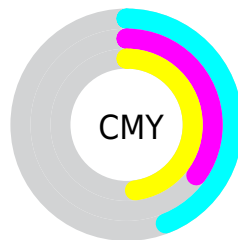


Cyan (14%)

Magenta (0%)

Yellow (20%)

Black (35%)



Cyan (44%)


Magenta (35%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.7167, 0.3186, 0.3811 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 34.7167, 0.3186, 0.3811 by changing the saturation by 10% instead.


 34.7167, 0.3186,
0.3811


 34.7167, 0.3186,
0.3811


323.3161, 0.3159,
0.3530


 23.4447, 0.3192,
0.3888

 67.0467, 0.3177,
0.3704

 14.9222, 0.3198,
0.3993

 88.8734, 0.3173,
0.3665

 8.7648, 0.3204,
0.4140


 114.9873, 0.3170,
0.3633

 4.5881, 0.3207,
0.4365

145.7725, 0.3167,
0.3606

 2.0077, 0.3200,
0.4748

181.6137, 0.3165,
0.3583

 0.6119, 0.2666,
0.7334

222.8950, 0.3163,

 0.0000, 0.0000,

0.3563

0.0000

270.0011, 0.3161,
0.3546

■ 34.7167, 0.3186,
0.3811

■ 34.7167, 0.3186,
0.3811

■ 33.2844, 0.3211,
0.4110

■ 36.3402, 0.3157,
0.3536

■ 32.0317, 0.3231,
0.4427

■ 38.1571, 0.3127,
0.3287

■ 30.9526, 0.3242,
0.4750

■ 40.1752, 0.3096,
0.3066

■ 30.0391, 0.3242,
0.5066

■ 42.4006, 0.3066,
0.2869

■ 29.2823, 0.3230,
0.5355

■ 44.8391, 0.3036,
0.2697

■ 28.6725, 0.3204,
0.5598

■ 47.4962, 0.3008,
0.2545

■ 28.1988, 0.3166,
0.5778

■ 50.3772, 0.2982,
0.2412

■ 27.8426, 0.3124,
0.5901

■ 52.7727, 0.3036,
0.2386

■ 27.8392, 0.3123,
0.5902

■ 54.9399, 0.3133,
0.2412

Harmonies

Analogous

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



34.7167, 0.3489, 0.3851



34.7167, 0.3186, 0.3811



34.7167, 0.2877, 0.3607

Triad

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



34.7167, 0.3186, 0.3811



34.7167, 0.2577, 0.2833



34.7167, 0.3632, 0.3242

Complementary

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



34.7167, 0.3186, 0.3811



26.6931, 0.3053, 0.2793

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.



34.7167, 0.3365, 0.3001



34.7167, 0.3186, 0.3811



34.7167, 0.2758, 0.2768

Square

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



34.7167, 0.3186, 0.3811



34.7167, 0.2536, 0.3024



34.7167, 0.3043, 0.2831



34.7167, 0.3757, 0.3505

Rectangle

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



34.7167, 0.3186, 0.3811



34.7167, 0.2709, 0.3412



34.7167, 0.3043, 0.2831



34.7167, 0.3555, 0.3156

Sweetspot

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



34.7182, 0.3186, 0.3811



67.1518, 0.3146, 0.3439



33.7970, 0.3445, 0.3643



14.9824, 0.3148, 0.3455



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.



34.7182, 0.3186, 0.3811



61.7775, 0.3198, 0.3944



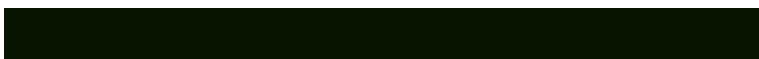
34.1581, 0.3043, 0.3705



8.5030, 0.3155, 0.3520



21.6063, 0.3129, 0.5898



0.5504, 0.3383, 0.5696

Inverse Universe

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



26.6931, 0.3053, 0.2793



44.4450, 0.3032, 0.2673



27.3772, 0.3224, 0.2908



7.5622, 0.3096, 0.3064



5.2959, 0.2540, 0.1173



0.1521, 0.2773, 0.1301

Previews

White Background



This preview shows how the Yxy color 34.7167, 0.3186, 0.3811 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 34.7167, 0.3186, 0.3811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

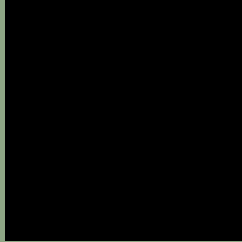
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.7167, 0.3186, 0.3811

Background



This preview shows how black text looks on a background with the Yxy color 34.7167, 0.3186, 0.3811.



This preview shows how white text looks on a background with the Yxy color 34.7167, 0.3186, 0.3811.

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

34.7167, 0.3186, 0.3811

Protanopia

34.3635, 0.3500, 0.3719

Deuteranopia

34.5051, 0.3594, 0.3531



Tritanopia

34.4546, 0.2905, 0.3097

Trichromacy



Original Color

34.7167, 0.3186, 0.3811

Protanomaly

34.4724, 0.3389, 0.3760

Deuteranomaly

34.4185, 0.3432, 0.3630

Tritanomaly

34.4203, 0.3012, 0.3351

Monochromacy



Original Color

34.7167, 0.3186, 0.3811

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.3869, 0.3148, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7167, 0.3186, 0.3811 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(142, 166, 133)` looks like.

```
.text, #text, p{  
    color:rgb(142, 166, 133)  
}
```

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(142, 166, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 166, 133) }
```

Border

The CSS property to change the border of an element to Yxy 34.7167, 0.3186, 0.3811 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(142, 166, 133) }
```

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

```
.border{ border-color:rgb(142, 166, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 166, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 166, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 166, 133);  
box-shadow:4px 4px 4px 4px rgb(142, 166,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7167, 0.3186, 0.3811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 166, 133) }
```

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

```
.background{ background-color: rgb(142,  
166, 133) }
```

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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