

Converting Colors

$Yxy(34.8160, 0.3299, 0.3874)$

Have a look what the booklet for
Yxy(34.8160, 0.3299, 0.3874)
contains.

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Color

Yxy(34.8321, 0.3307, 0.3881)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 95A57F |
| RGB | 149, 165, 127 |
| RGB Percent | 58%, 65%, 50% |
| CMY | 0.4157, 0.3529, 0.5020 |
| CMYK | 0.10, 0.00, 0.23, 0.35 |
| HSL | 85°, 17%, 57% |
| HSV | 85°, 23%, 65% |
| XYZ | 29.6804, 34.8321, 25.2378 |
| YIQ | 155.8840, 2.6620, -15.2100 |

Conversions

Conversions Part 2

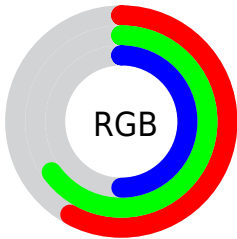
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 127, 165, 143 |
| Decimal | 9807231 |
| CIELab | 65.62, -12.58, 17.86 |
| CIElCh | 66, 21.851, 125.155 |
| Yxy | 34.8321, 0.3307, 0.3881 |
| Android (android.graphics.Color) | 4287997311 (0xFF95A57F) |
| YUV | 155.8840, -14.2398, -6.0373 |
| Hunter-Lab | 59.0187, -13.5154, 15.9593 |

Details

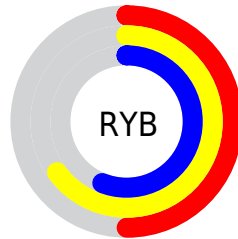
The Yxy color $34.8321, 0.3307, 0.3881$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $23.7360, 0.2913, 0.2689$, and the grayscale version is $33.2558, 0.3127, 0.3290$.

A 20% lighter version of the original color is $67.1782, 0.3271, 0.3759$, and $14.9570, 0.3354, 0.4073$ is the 20% darker color. If you saturate the color by 10%, you get $33.8038, 0.3380, 0.4161$, and if you desaturate by 10%, it is $35.9729, 0.3229, 0.3613$.

Distribution



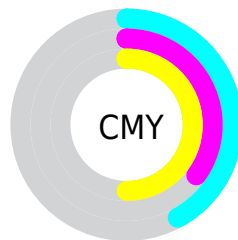
- Red (58%)
- Green (65%)
- Blue (50%)



- Red (50%)
- Yellow (65%)
- Blue (56%)



- Cyan (10%)
- Magenta (0%)
- Yellow (23%)
- Black (35%)





- Cyan (42%)
- Magenta (35%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8321, 0.3307, 0.3881 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 34.8321, 0.3307, 0.3881 by changing the saturation by 10% instead.


 34.8321, 0.3307,
0.3881


 34.8321, 0.3307,
0.3881


323.8266, 0.3217,
0.3564

 23.5336, 0.3329,
0.3968


 67.2256, 0.3275,
0.3760

 14.9880, 0.3356,
0.4084


 89.0893, 0.3262,
0.3716

 8.8110, 0.3391,
0.4248


 115.2436, 0.3252,
0.3680

 4.6181, 0.3434,
0.4494

146.0728, 0.3243,
0.3650

 2.0250, 0.3512,
0.4942

181.9613, 0.3235,
0.3623

 0.6219, 0.3135,
0.6865

223.2935, 0.3229,

 0.0000, 0.0000,

0.3601

0.0000

270.4538, 0.3223,
0.3581

■ 34.8321, 0.3307,
0.3881

■ 34.8321, 0.3307,
0.3881

■ 33.8038, 0.3380,
0.4161

■ 35.9729, 0.3229,
0.3613

■ 32.8793, 0.3446,
0.4446

■ 37.2255, 0.3151,
0.3362

■ 32.0558, 0.3499,
0.4725


■ 38.5950, 0.3073,
0.3131

■ 31.3285, 0.3535,
0.4986


■ 40.0850, 0.2999,
0.2920


■ 30.6921, 0.3551,
0.5216


■ 41.6986, 0.2928,
0.2729


 30.1406, 0.3544,
0.5403


 43.4391, 0.2862,
0.2558

 29.6670, 0.3514,
0.5540

 45.3095, 0.2800,
0.2405

 29.3725, 0.3485,
0.5615

 47.0521, 0.2769,
0.2303

 48.0597, 0.2822,
0.2317

Harmonies

Analogous

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



34.8321, 0.3605, 0.3857



34.8321, 0.3307, 0.3881



34.8321, 0.2971, 0.3720

Triad

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



34.8321, 0.3307, 0.3881



34.8321, 0.2512, 0.2861



34.8321, 0.3576, 0.3143

Complementary

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



34.8321, 0.3307, 0.3881



23.7360, 0.2913, 0.2689

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.



34.8321, 0.3260, 0.2910



34.8321, 0.3307, 0.3881



34.8321, 0.2653, 0.2745

Square

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



34.8321, 0.3307, 0.3881



34.8321, 0.2524, 0.3105



34.8321, 0.2922, 0.2767



34.8321, 0.3770, 0.3419

Rectangle

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



34.8321, 0.3307, 0.3881



34.8321, 0.2772, 0.3532



34.8321, 0.2922, 0.2767



34.8321, 0.3480, 0.3058

Sweetspot

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



34.8336, 0.3307, 0.3881



65.7209, 0.3183, 0.3463



29.1278, 0.3535, 0.3533



14.3409, 0.3187, 0.3476



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



34.8336, 0.3307, 0.3881



61.3467, 0.3348, 0.4033



33.2031, 0.3127, 0.3915



8.0880, 0.3200, 0.3516



22.2494, 0.3491, 0.5610



0.4944, 0.3751, 0.5404

Inverse Universe

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



23.7360, 0.2913, 0.2689



37.6914, 0.2851, 0.2531



25.5603, 0.3118, 0.2725



6.9989, 0.3050, 0.3062



3.0538, 0.1898, 0.0819



0.0917, 0.2331, 0.1058

Previews

White Background



This preview shows how the Yxy color 34.8321, 0.3307, 0.3881 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 34.8321, 0.3307, 0.3881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

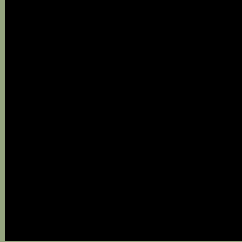
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.8321, 0.3307, 0.3881

Background



This preview shows how black text looks on a background with the Yxy color 34.8321, 0.3307, 0.3881.



This preview shows how white text looks on a background with the Yxy color 34.8321, 0.3307, 0.3881.

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

34.8321, 0.3307, 0.3881

Protanopia

34.7976, 0.3565, 0.3804

Deuteranopia

34.7085, 0.3687, 0.3612



Tritanopia

34.8428, 0.2986, 0.3100

Trichromacy



Original Color

34.8321, 0.3307, 0.3881

Protanomaly

34.6518, 0.3466, 0.3832

Deuteranomaly

34.4696, 0.3545, 0.3699

Tritanomaly

34.6623, 0.3095, 0.3365

Monochromacy



Original Color

34.8321, 0.3307, 0.3881

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.6129, 0.3195, 0.3504

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8321, 0.3307, 0.3881 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(149, 165, 127)` looks like.

```
.text, #text, p{  
    color:rgb(149, 165, 127)  
}
```

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(149, 165, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 165, 127) }
```

Border

The CSS property to change the border of an element to Yxy 34.8321, 0.3307, 0.3881 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(149, 165, 127) }
```

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

```
.border{ border-color:rgb(149, 165, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 165, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 165, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 165, 127);  
box-shadow:4px 4px 4px 4px rgb(149, 165,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8321, 0.3307, 0.3881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 165, 127) }
```

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

```
.background{ background-color: rgb(149,  
165, 127) }
```

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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