

Converting Colors

$Yxy(34.9665, 0.3152, 0.3657)$

Have a look what the booklet for
Yxy(34.9665, 0.3152, 0.3657)
contains.

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Color

Yxy(34.9443, 0.3156, 0.3662)

Conversions

Conversions Part 1

Format	Color
Hex	92A58D
RGB	146, 165, 141
RGB Percent	57%, 65%, 55%
CMY	0.4275, 0.3529, 0.4470
CMYK	0.12, 0.00, 0.15, 0.35
HSL	108°, 12%, 60%
HSV	108°, 15%, 65%
XYZ	30.1158, 34.9443, 30.3639
YIQ	156.5830, -3.6200, -11.4920

Conversions

Conversions Part 2

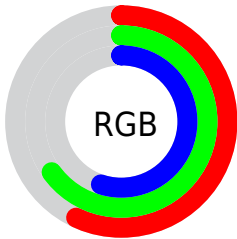
Format	Color
RYB	141, 165, 160
Decimal	9610637
CIELab	65.71, -11.31, 10.21
CIELCh	66, 15.232, 137.934
Yxy	34.9443, 0.3156, 0.3662
Android (android.graphics.Color)	4287800717 (0xFF92A58D)
YUV	156.5830, -7.6824, -9.2813
Hunter-Lab	59.1137, -12.5111, 10.9251

Details

The Yxy color **34.9443, 0.3156, 0.3662** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.2501, 0.3092, 0.2934**, and the grayscale version is **33.5563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.4059, 0.3149, 0.3582**, and **14.9985, 0.3156, 0.3783** is the 20% darker color. If you saturate the color by 10%, you get **33.3593, 0.3173, 0.3952**, and if you desaturate by 10%, it is **36.7427, 0.3136, 0.3400**.

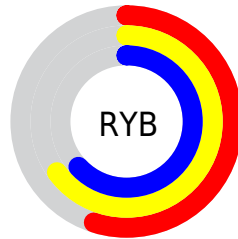
Distribution



Red (57%)

Green (65%)

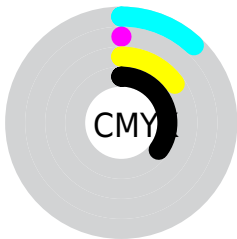
Blue (55%)



Red (55%)

Yellow (65%)

Blue (63%)

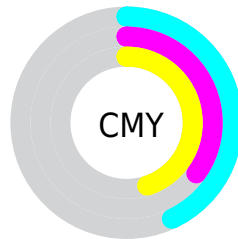


Cyan (12%)

Magenta (0%)

Yellow (15%)

Black (35%)



Cyan (43%)


Magenta (35%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9443, 0.3156, 0.3662 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 34.9443, 0.3156, 0.3662 by changing the saturation by 10% instead.


 34.9443, 0.3156,
0.3662


 34.9443, 0.3156,
0.3662


324.3224, 0.3143,
0.3463


 23.6200, 0.3159,
0.3716


 67.3995, 0.3152,
0.3586

 15.0520, 0.3162,
0.3789


 89.2991, 0.3150,
0.3559

 8.8559, 0.3165,
0.3892


 115.4926, 0.3148,
0.3536

 4.6473, 0.3167,
0.4048

146.3644, 0.3147,
0.3517

 2.0418, 0.3163,
0.4312

182.2989, 0.3146,
0.3501

 0.6316, 0.3392,
0.6608

223.6805, 0.3145,

 0.0000, 0.0000,

0.3486

0.0000

270.8935, 0.3144,
0.3474

■ 34.9443, 0.3156,
0.3662

■ 34.9443, 0.3156,
0.3662

■ 33.3593, 0.3173,
0.3952

■ 36.7427, 0.3136,
0.3400

■ 31.9755, 0.3186,
0.4265

■ 38.7575, 0.3116,
0.3166

■ 30.7859, 0.3193,
0.4594

■ 40.9971, 0.3095,
0.2959

■ 29.7818, 0.3192,
0.4924

■ 43.4684, 0.3074,
0.2778

■ 28.9533, 0.3182,
0.5238

■ 46.1778, 0.3054,
0.2620

■ 28.2900, 0.3162,
0.5514

■ 49.1315, 0.3035,
0.2482

■ 27.7801, 0.3132,
0.5731

■ 52.2368, 0.3028,
0.2374

■ 27.4100, 0.3095,
0.5878

■ 54.5793, 0.3133,
0.2403

■ 27.2553, 0.3077,
0.5939

■ 55.3925, 0.3168,
0.2413

Harmonies

Analogous

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



34.9443, 0.3383, 0.3705



34.9443, 0.3156, 0.3662



34.9443, 0.2928, 0.3507

Triad

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



34.9443, 0.3156, 0.3662



34.9443, 0.2723, 0.2944



34.9443, 0.3510, 0.3272

Complementary

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



34.9443, 0.3156, 0.3662



29.2501, 0.3092, 0.2934

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.



34.9443, 0.3321, 0.3086



34.9443, 0.3156, 0.3662



34.9443, 0.2867, 0.2899

Square

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



34.9443, 0.3156, 0.3662



34.9443, 0.2683, 0.3084



34.9443, 0.3084, 0.2952



34.9443, 0.3592, 0.3469

Rectangle

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



34.9443, 0.3156, 0.3662



34.9443, 0.2805, 0.3365



34.9443, 0.3084, 0.2952



34.9443, 0.3456, 0.3206

Sweetspot

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



34.9458, 0.3156, 0.3662



65.9567, 0.3136, 0.3388



34.9991, 0.3350, 0.3568



14.3654, 0.3137, 0.3406



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.



34.9458, 0.3156, 0.3662



61.7548, 0.3161, 0.3740



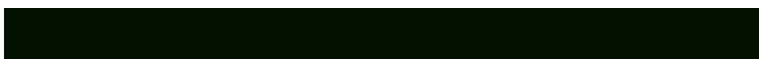
34.7092, 0.3052, 0.3558



7.9624, 0.3146, 0.3520



20.6353, 0.3082, 0.5935



0.4516, 0.3313, 0.5751

Inverse Universe

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



29.2501, 0.3092, 0.2934



49.8377, 0.3084, 0.2863



29.5313, 0.3211, 0.3036



7.1278, 0.3106, 0.3066



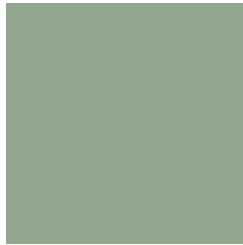
5.7177, 0.2700, 0.1261



0.1378, 0.2896, 0.1369

Previews

White Background



This preview shows how the Yxy color 34.9443, 0.3156, 0.3662 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 34.9443, 0.3156, 0.3662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

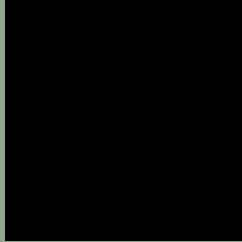
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9443, 0.3156, 0.3662

Background



This preview shows how black text looks on a background with the Yxy color 34.9443, 0.3156, 0.3662.



This preview shows how white text looks on a background with the Yxy color 34.9443, 0.3156, 0.3662.

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

34.9443, 0.3156, 0.3662

Protanopia

34.8467, 0.3401, 0.3600

Deuteranopia

34.9181, 0.3510, 0.3446



Tritanopia

34.7381, 0.2932, 0.3098

Trichromacy



Original Color

34.9443, 0.3156, 0.3662

Protanomaly

34.7247, 0.3306, 0.3621

Deuteranomaly

34.7315, 0.3375, 0.3525

Tritanomaly

34.8034, 0.3015, 0.3305

Monochromacy



Original Color

34.9443, 0.3156, 0.3662

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.1483, 0.3140, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9443, 0.3156, 0.3662 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(146, 165, 141)` looks like.

```
.text, #text, p{  
    color:rgb(146, 165, 141)  
}
```

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(146, 165, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 165, 141) }
```

Border

The CSS property to change the border of an element to Yxy 34.9443, 0.3156, 0.3662 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(146, 165, 141) }
```

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

```
.border{ border-color:rgb(146, 165, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 165, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 165, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 165, 141);  
box-shadow:4px 4px 4px 4px rgb(146, 165,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9443, 0.3156, 0.3662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 165, 141) }
```

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

```
.background{ background-color: rgb(146,  
165, 141) }
```

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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