

Converting Colors

Yxy(34.8924, 0.3163, 0.3656)

Have a look what the booklet for
Yxy(34.8924, 0.3163, 0.3656)
contains.

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Color

Yxy(35.0364, 0.3166, 0.3661)

Conversions

Conversions Part 1

Format	Color
Hex	93A58D
RGB	147, 165, 141
RGB Percent	58%, 65%, 55%
CMY	0.4234, 0.3530, 0.4470
CMYK	0.11, 0.00, 0.15, 0.35
HSL	105°, 12%, 60%
HSV	105°, 15%, 65%
XYZ	30.2992, 35.0364, 30.3662
YIQ	156.8820, -3.0240, -11.2800

Conversions

Conversions Part 2

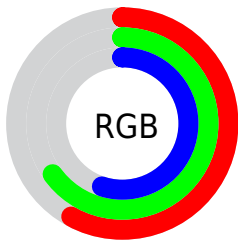
Format	Color
RYB	141, 165, 159
Decimal	9676173
CIELab	65.78, -10.93, 10.33
CIELCh	66, 15.034, 136.620
Yxy	35.0364, 0.3166, 0.3661
Android (android.graphics.Color)	4287866253 (0xFF93A58D)
YUV	156.8820, -7.8298, -8.6665
Hunter-Lab	59.1916, -12.2141, 11.0174

Details

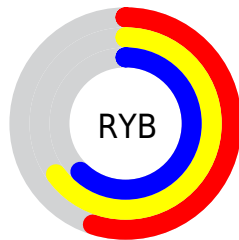
The Yxy color **35.0364, 0.3166, 0.3661** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.1357, 0.3081, 0.2933**, and the grayscale version is **33.7006, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5440, 0.3156, 0.3581**, and **15.0524, 0.3170, 0.3781** is the 20% darker color. If you saturate the color by 10%, you get **33.5007, 0.3190, 0.3949**, and if you desaturate by 10%, it is **36.7710, 0.3140, 0.3400**.

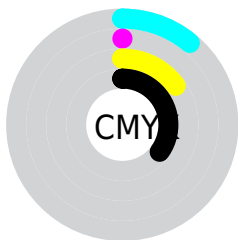
Distribution



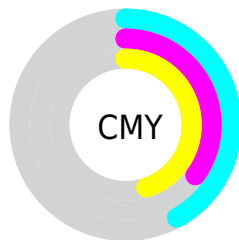
- Red (58%)
- Green (65%)
- Blue (55%)



- Red (55%)
- Yellow (65%)
- Blue (62%)



- Cyan (11%)
- Magenta (0%)
- Yellow (15%)
- Black (35%)




- Cyan (42%)
- Magenta (35%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0364, 0.3166, 0.3661 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 35.0364, 0.3166, 0.3661 by changing the saturation by 10% instead.


 35.0364, 0.3166,
0.3661

 35.0364, 0.3166,
0.3661


324.7290, 0.3148,
0.3463


 23.6909, 0.3170,
0.3715


 67.5422, 0.3160,
0.3586

 15.1045, 0.3175,
0.3788

 89.4712, 0.3157,
0.3558

 8.8928, 0.3181,
0.3890


 115.6969, 0.3155,
0.3536

 4.6713, 0.3186,
0.4045

146.6037, 0.3153,
0.3517

 2.0557, 0.3189,
0.4306

182.5759, 0.3152,
0.3500

 0.6395, 0.3479,
0.6521

223.9979, 0.3150,

 0.0000, 0.0000,

0.3486

0.0000

271.2541, 0.3149,
0.3474

■ 35.0364, 0.3166,
0.3661

■ 35.0364, 0.3166,
0.3661

■ 33.5007, 0.3190,
0.3949

■ 36.7710, 0.3140,
0.3400

■ 32.1523, 0.3209,
0.4258

■ 38.7068, 0.3112,
0.3166

■ 30.9853, 0.3222,
0.4582


■ 40.8516, 0.3085,
0.2958

■ 29.9915, 0.3226,
0.4907

■ 43.2115, 0.3058,
0.2776

■ 29.1623, 0.3219,
0.5216


■ 45.7923, 0.3032,
0.2615

 28.4882, 0.3200,
0.5488


 48.5998, 0.3007,
0.2475

 27.9586, 0.3169,
0.5704

 51.5421, 0.2995,
0.2365

 27.5613, 0.3128,
0.5852

 53.7017, 0.3095,
0.2392

 27.3893, 0.3107,
0.5915

 55.3891, 0.3168,
0.2412

Harmonies

Analogous

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



35.0364, 0.3388, 0.3698



35.0364, 0.3166, 0.3661



35.0364, 0.2940, 0.3512

Triad

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



35.0364, 0.3166, 0.3661



35.0364, 0.2724, 0.2953



35.0364, 0.3498, 0.3264

Complementary

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



35.0364, 0.3166, 0.3661



29.1357, 0.3081, 0.2933

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.



35.0364, 0.3309, 0.3081



35.0364, 0.3166, 0.3661



35.0364, 0.2862, 0.2904

Square

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



35.0364, 0.3166, 0.3661



35.0364, 0.2690, 0.3095



35.0364, 0.3075, 0.2952



35.0364, 0.3585, 0.3459

Rectangle

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



35.0364, 0.3166, 0.3661



35.0364, 0.2816, 0.3374



35.0364, 0.3075, 0.2952



35.0364, 0.3444, 0.3199

Sweetspot

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



35.0379, 0.3166, 0.3661



66.0113, 0.3138, 0.3388



34.5807, 0.3353, 0.3551



14.3794, 0.3140, 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.



35.0379, 0.3166, 0.3661



61.9558, 0.3173, 0.3738



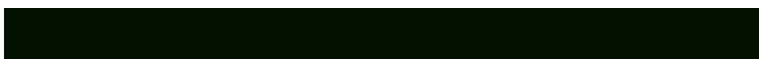
34.6663, 0.3062, 0.3577



7.9770, 0.3152, 0.3520



20.7419, 0.3113, 0.5910



0.4567, 0.3372, 0.5704

Inverse Universe

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



29.1357, 0.3081, 0.2933



49.6084, 0.3071, 0.2862



29.5670, 0.3199, 0.3019



7.1123, 0.3099, 0.3066



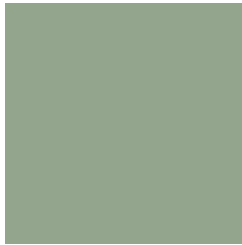
5.2975, 0.2593, 0.1202



0.1316, 0.2830, 0.1332

Previews

White Background



This preview shows how the Yxy color 35.0364, 0.3166, 0.3661 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 35.0364, 0.3166, 0.3661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

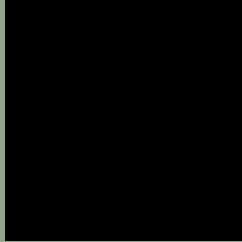
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

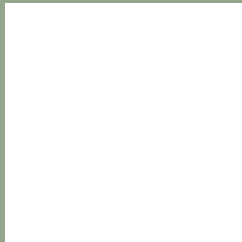
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.0364, 0.3166, 0.3661

Background



This preview shows how black text looks on a background with the Yxy color 35.0364, 0.3166, 0.3661.



This preview shows how white text looks on a background with the Yxy color 35.0364, 0.3166, 0.3661.

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

35.0364, 0.3166, 0.3661

Protanopia

34.8467, 0.3401, 0.3600

Deuteranopia

34.9181, 0.3510, 0.3446



Tritanopia

34.8341, 0.2941, 0.3099

Trichromacy



Original Color

35.0364, 0.3166, 0.3661

Protanomaly

34.8274, 0.3316, 0.3620

Deuteranomaly

34.8417, 0.3386, 0.3524

Tritanomaly

34.8979, 0.3024, 0.3305

Monochromacy



Original Color

35.0364, 0.3166, 0.3661

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 35.0364, 0.3166, 0.3661 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(147, 165, 141)` looks like.

```
.text, #text, p{  
    color:rgb(147, 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(147, 165, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 165, 141) }
```

Border

The CSS property to change the border of an element to Yxy 35.0364, 0.3166, 0.3661 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(147, 165, 141) }
```

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

```
.border{ border-color:rgb(147, 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(147, 165, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 165, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 165, 141);  
box-shadow:4px 4px 4px 4px rgb(147, 165,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0364, 0.3166, 0.3661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 165, 141) }
```

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

```
.background{ background-color: rgb(147,  
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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