

Converting Colors

$Yxy(35.8678, 0.3480, 0.3949)$

Have a look what the booklet for
Yxy(35.8678, 0.3480, 0.3949)
contains.

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Color

Yxy(35.8678, 0.3480, 0.3949)

Conversions

Conversions Part 1

Format	Color
Hex	A1A579
RGB	161, 165, 121
RGB Percent	63%, 65%, 47%
CMY	0.3685, 0.3530, 0.5254
CMYK	0.02, 0.00, 0.27, 0.35
HSL	65°, 20%, 56%
HSV	65°, 27%, 65%
XYZ	31.6080, 35.8678, 23.3518
YIQ	158.7880, 11.7400, -14.5320

Conversions

Conversions Part 2

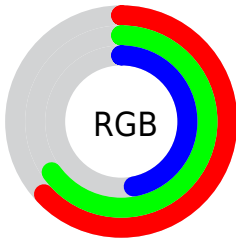
Format	Color
RYB	121, 165, 125
Decimal	10593657
CIELab	66.42, -8.84, 22.39
CIElCh	66, 24.070, 111.558
Yxy	35.8678, 0.3480, 0.3949
Android (android.graphics.Color)	4288783737 (0xFFA1A579)
YUV	158.7880, -18.6295, 1.9399
Hunter-Lab	59.8897, -10.6001, 18.8049

Details

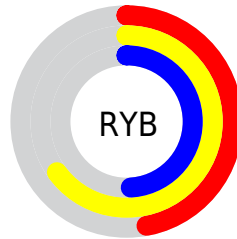
The Yxy color **35.8678, 0.3480, 0.3949** is a light color, and the websafe version is hex **999966**. A complement of this color would be **20.7553, 0.2717, 0.2554**, and the grayscale version is **34.6543, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8413, 0.3410, 0.3814**, and **15.5293, 0.3584, 0.4160** is the 20% darker color. If you saturate the color by 10%, you get **35.3444, 0.3609, 0.4199**, and if you desaturate by 10%, it is **36.4655, 0.3347, 0.3697**.

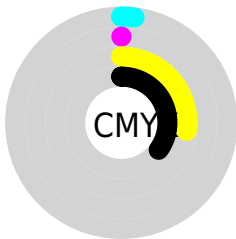
Distribution



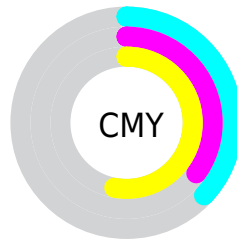
- Red (63%)
- Green (65%)
- Blue (47%)



- Red (47%)
- Yellow (65%)
- Blue (49%)



- Cyan (2%)
- Magenta (0%)
- Yellow (27%)
- Black (35%)




- Cyan (37%)
- Magenta (35%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.8678, 0.3480, 0.3949 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 35.8678, 0.3480, 0.3949 by changing the saturation by 10% instead.


 35.8678, 0.3480,
0.3949


 35.8678, 0.3480,
0.3949

328.3824, 0.3301,
0.3600


 24.3321, 0.3525,
0.4042


 68.8280, 0.3415,
0.3818

 15.5802, 0.3581,
0.4165


 91.0212, 0.3390,
0.3770

 9.2276, 0.3655,
0.4335


 117.5358, 0.3370,
0.3730

 4.8899, 0.3752,
0.4581

148.7561, 0.3352,
0.3696

 2.1828, 0.3964,
0.5074

185.0665, 0.3337,
0.3667

 0.7106, 0.3927,
0.6073

226.8515, 0.3323,

 0.0000, 0.0000,

0.3641

0.0000

274.4953, 0.3311,
0.3619

■ 35.8678, 0.3480,
0.3949

■ 35.8678, 0.3480,
0.3949

■ 35.3444, 0.3609,
0.4199

■ 36.4655, 0.3347,
0.3697

■ 34.8869, 0.3729,
0.4436

■ 37.1360, 0.3214,
0.3449

■ 34.4932, 0.3835,
0.4653

■ 37.8840, 0.3084,
0.3212

■ 34.1589, 0.3921,
0.4840

■ 38.7122, 0.2961,
0.2988

■ 33.8794, 0.3983,
0.4988

■ 39.6236, 0.2845,
0.2781

■ 33.6491, 0.4020,
0.5093

■ 40.6207, 0.2738,
0.2590

■ 33.4600, 0.4034,
0.5158

■ 41.7059, 0.2639,
0.2415

■ 33.4004, 0.4037,
0.5177

■ 42.8817, 0.2548,
0.2257

■ 43.1799, 0.2547,
0.2242

Harmonies

Analogous

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



35.8678, 0.3755, 0.3835



35.8678, 0.3480, 0.3949



35.8678, 0.3120, 0.3866

Triad

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



35.8678, 0.3480, 0.3949



35.8678, 0.2444, 0.2926



35.8678, 0.3471, 0.3006

Complementary

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



35.8678, 0.3480, 0.3949



20.7553, 0.2717, 0.2554

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.



35.8678, 0.3100, 0.2793



35.8678, 0.3480, 0.3949



35.8678, 0.2523, 0.2736

Square

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



35.8678, 0.3480, 0.3949



35.8678, 0.2533, 0.3239



35.8678, 0.2757, 0.2694



35.8678, 0.3756, 0.3290

Rectangle

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



35.8678, 0.3480, 0.3949



35.8678, 0.2882, 0.3701



35.8678, 0.2757, 0.2694



35.8678, 0.3351, 0.2925

Sweetspot

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



35.8694, 0.3480, 0.3949



66.3225, 0.3233, 0.3486



23.9671, 0.3670, 0.3349



14.4602, 0.3253, 0.3521



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.



35.8694, 0.3480, 0.3949



63.6690, 0.3557, 0.4098



33.8088, 0.3264, 0.3997



8.2046, 0.3248, 0.3513



25.2799, 0.4039, 0.5175



0.5400, 0.4098, 0.5128

Inverse Universe

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



20.7553, 0.2717, 0.2554



31.9786, 0.2609, 0.2363



22.5685, 0.2951, 0.2601



6.8892, 0.3000, 0.3059



2.1418, 0.1537, 0.0621



0.0536, 0.1706, 0.0714

Previews

White Background



This preview shows how the Yxy color 35.8678, 0.3480, 0.3949 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 35.8678, 0.3480, 0.3949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

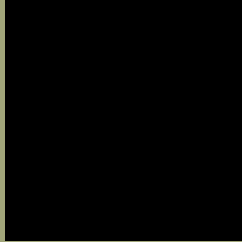
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

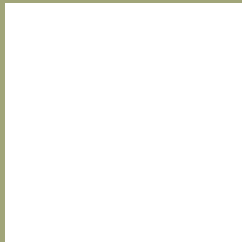
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.8678, 0.3480, 0.3949

Background



This preview shows how black text looks on a background with the Yxy color 35.8678, 0.3480, 0.3949.



This preview shows how white text looks on a background with the Yxy color 35.8678, 0.3480, 0.3949.

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

35.8678, 0.3480, 0.3949

Protanopia

35.7059, 0.3636, 0.3898

Deuteranopia

35.8199, 0.3802, 0.3728



Tritanopia

35.7188, 0.3107, 0.3106

Trichromacy



Original Color

35.8678, 0.3480, 0.3949

Protanomaly

35.6317, 0.3581, 0.3906

Deuteranomaly

35.7851, 0.3679, 0.3816

Tritanomaly

35.7890, 0.3238, 0.3407

Monochromacy



Original Color

35.8678, 0.3480, 0.3949

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.0077, 0.3261, 0.3529

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8678, 0.3480, 0.3949 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(161, 165, 121)` looks like.

```
.text, #text, p{  
    color:rgb(161, 165, 121)  
}
```

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(161, 165, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 165, 121) }
```

Border

The CSS property to change the border of an element to Yxy 35.8678, 0.3480, 0.3949 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(161, 165, 121) }
```

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

```
.border{ border-color:rgb(161, 165, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 165, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 165, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 165, 121); box-shadow:4px 4px 4px 4px rgb(161, 165, 121) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8678, 0.3480, 0.3949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 165, 121) }
```

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

```
.background{ background-color: rgb(161,  
165, 121) }
```

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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