

Converting Colors

$Yxy(35.5011, 0.3588, 0.3847)$

Have a look what the booklet for
Yxy(35.5011, 0.3588, 0.3847)
contains.

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Color

Yxy(35.5528, 0.3587, 0.3859)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | ABA17A |
| RGB | 171, 161, 122 |
| RGB Percent | 67%, 63%, 48% |
| CMY | 0.3295, 0.3686, 0.5216 |
| CMYK | 0.00, 0.06, 0.29, 0.33 |
| HSL | 48°, 23%, 57% |
| HSV | 48°, 29%, 67% |
| XYZ | 33.0469, 35.5528, 23.5299 |
| YIQ | 159.5440, 18.4790, -10.0090 |

Conversions

Conversions Part 2

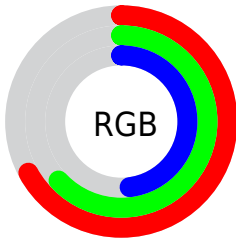
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 135, 171, 122 |
| Decimal | 11247994 |
| CIELab | 66.18, -2.62, 21.67 |
| CIELCh | 66, 21.823, 96.902 |
| Yxy | 35.5528, 0.3587, 0.3859 |
| Android (android.graphics.Color) | 4289438074 (0xFFABA17A) |
| YUV | 159.5440, -18.5092, 10.0469 |
| Hunter-Lab | 59.6262, -5.4149, 18.3411 |

Details

The Yxy color **35.5528, 0.3587, 0.3859** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.5642, 0.2654, 0.2648**, and the grayscale version is **35.0122, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5378, 0.3497, 0.3747**, and **15.4845, 0.3723, 0.4046** is the 20% darker color. If you saturate the color by 10%, you get **33.9694, 0.3762, 0.4059**, and if you desaturate by 10%, it is **37.2478, 0.3418, 0.3656**.

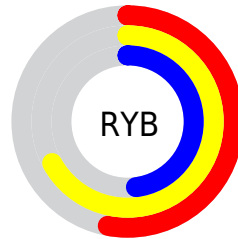
Distribution



Red (67%)

Green (63%)

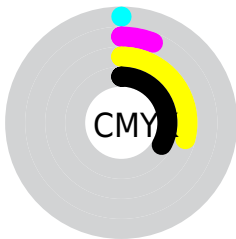
Blue (48%)



Red (53%)

Yellow (67%)

Blue (48%)

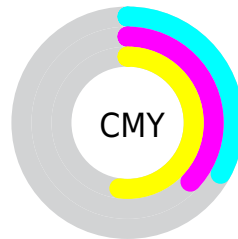


Cyan (0%)

Magenta (6%)

Yellow (29%)

Black (33%)



Cyan (33%)


Magenta (37%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5528, 0.3587, 0.3859 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 35.5528, 0.3587, 0.3859 by changing the saturation by 10% instead.


 35.5528, 0.3587,
0.3859


 35.5528, 0.3587,
0.3859


327.0017, 0.3349,
0.3561


 24.0890, 0.3648,
0.3937


 68.3413, 0.3499,
0.3748

 15.3997, 0.3727,
0.4039


 90.4347, 0.3467,
0.3707

 9.1004, 0.3833,
0.4177


 116.8402, 0.3439,
0.3673

 4.8067, 0.3979,
0.4373

147.9421, 0.3416,
0.3644

 2.1343, 0.4271,
0.4758

184.1248, 0.3396,
0.3619

 0.6838, 0.4615,
0.5385

225.7727, 0.3378,

 0.0000, 0.0000,

0.3597

0.0000

273.2702, 0.3363,
0.3578

■ 35.5528, 0.3587,
0.3859

■ 35.5528, 0.3587,
0.3859

■ 33.9694, 0.3762,
0.4059

■ 37.2478, 0.3418,
0.3656

■ 32.4884, 0.3937,
0.4249

■ 39.0534, 0.3257,
0.3456

■ 31.1071, 0.4107,
0.4418

■ 40.9748, 0.3108,
0.3265

■ 29.8204, 0.4263,
0.4557

■ 43.0156, 0.2970,
0.3083

■ 28.6227, 0.4398,
0.4657

■ 45.1789, 0.2845,
0.2914

■ 27.5075, 0.4507,
0.4712

■ 47.4679, 0.2732,
0.2758

■ 26.4630, 0.4591,
0.4727

■ 49.8857, 0.2630,
0.2615

■ 26.3249, 0.4602,
0.4728

■ 52.1899, 0.2559,
0.2520

■ 53.7010, 0.2565,
0.2562

Harmonies

Analogous

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



35.5528, 0.3768, 0.3691



35.5528, 0.3587, 0.3859



35.5528, 0.3286, 0.3872

Triad

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



35.5528, 0.3587, 0.3859



35.5528, 0.2524, 0.3090



35.5528, 0.3279, 0.2924

Complementary

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



35.5528, 0.3587, 0.3859



23.5642, 0.2654, 0.2648

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.



35.5528, 0.2942, 0.2776



35.5528, 0.3587, 0.3859



35.5528, 0.2521, 0.2854

Square

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



35.5528, 0.3587, 0.3859



35.5528, 0.2678, 0.3405



35.5528, 0.2669, 0.2747



35.5528, 0.3588, 0.3159

Rectangle

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



35.5528, 0.3587, 0.3859



35.5528, 0.3063, 0.3777



35.5528, 0.2669, 0.2747



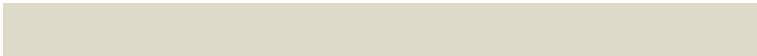
35.5528, 0.3165, 0.2863

Sweetspot

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



35.5544, 0.3587, 0.3859



69.7996, 0.3265, 0.3466



24.2541, 0.3609, 0.3131



15.4606, 0.3287, 0.3495



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



35.5544, 0.3587, 0.3859



61.9874, 0.3691, 0.3979



37.6967, 0.3415, 0.4024



9.0495, 0.3267, 0.3470



19.9288, 0.4597, 0.4732



0.6235, 0.4454, 0.4845

Inverse Universe

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



23.5642, 0.2654, 0.2648



37.1688, 0.2543, 0.2489



22.0795, 0.2777, 0.2509



8.0111, 0.2986, 0.3104



3.1746, 0.1562, 0.0824



0.1629, 0.1712, 0.1362

Previews

White Background



This preview shows how the Yxy color 35.5528, 0.3587, 0.3859 looks on a white background.

Color Contrast Check

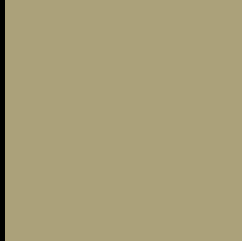
Large Text (above 18pt) WCAG AA × Fail

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 35.5528, 0.3587, 0.3859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

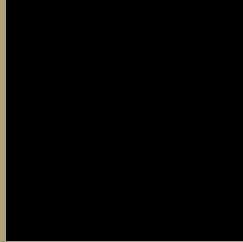
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

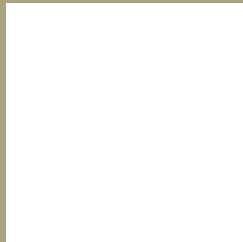
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.5528, 0.3587, 0.3859

Background



This preview shows how black text looks on a background with the Yxy color 35.5528, 0.3587, 0.3859.



This preview shows how white text looks on a background with the Yxy color 35.5528, 0.3587, 0.3859.

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

35.5528, 0.3587, 0.3859

Protanopia

35.6655, 0.3598, 0.3857

Deuteranopia

35.3601, 0.3796, 0.3717



Tritanopia

35.4628, 0.3224, 0.3123

Trichromacy



Original Color

35.5528, 0.3587, 0.3859

Protanomaly

35.6655, 0.3598, 0.3857

Deuteranomaly

35.4891, 0.3709, 0.3769

Tritanomaly

35.3470, 0.3352, 0.3376

Monochromacy



Original Color

35.5528, 0.3587, 0.3859

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.1094, 0.3294, 0.3497

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5528, 0.3587, 0.3859 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(171, 161, 122)` looks like.

```
.text, #text, p{  
    color:rgb(171, 161, 122)  
}
```

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(171, 161, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 161, 122) }
```

Border

The CSS property to change the border of an element to Yxy 35.5528, 0.3587, 0.3859 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(171, 161, 122) }
```

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

```
.border{ border-color:rgb(171, 161, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 161, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 161, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 161, 122);  
box-shadow:4px 4px 4px 4px rgb(171, 161,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5528, 0.3587, 0.3859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 161, 122) }
```

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

```
.background{ background-color: rgb(171,  
161, 122) }
```

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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