

Converting Colors

$Yxy(36.8669, 0.3565, 0.3791)$

Have a look what the booklet for
Yxy(36.8669, 0.3565, 0.3791)
contains.

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Color

Yxy(36.8669, 0.3565, 0.3791)

Conversions

Conversions Part 1

Format	Color
Hex	AFA380
RGB	175, 163, 128
RGB Percent	69%, 64%, 50%
CMY	0.3138, 0.3607, 0.4980
CMYK	0.00, 0.07, 0.27, 0.31
HSL	45°, 23%, 59%
HSV	45°, 27%, 69%
XYZ	34.6691, 36.8669, 25.7125
YIQ	162.5980, 18.3870, -8.3410

Conversions

Conversions Part 2

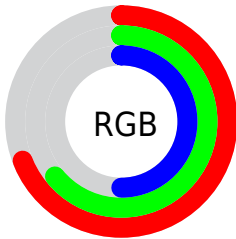
Format	Color
RYB	144, 175, 128
Decimal	11510656
CIELab	67.18, -1.27, 19.79
CIELCh	67, 19.829, 93.680
Yxy	36.8669, 0.3565, 0.3791
Android (android.graphics.Color)	4289700736 (0xFFAFA380)
YUV	162.5980, -17.0568, 10.8766
Hunter-Lab	60.7181, -4.3360, 17.3950

Details

The Yxy color **36.8669, 0.3565, 0.3791** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.4318, 0.2689, 0.2733**, and the grayscale version is **36.5016, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.4679, 0.3481, 0.3696**, and **16.0710, 0.3698, 0.3930** is the 20% darker color. If you saturate the color by 10%, you get **34.8915, 0.3747, 0.3982**, and if you desaturate by 10%, it is **38.9809, 0.3392, 0.3600**.

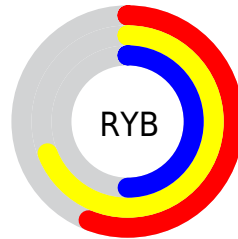
Distribution



Red (69%)

Green (64%)

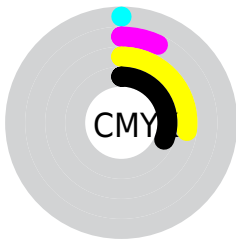
Blue (50%)



Red (56%)

Yellow (69%)

Blue (50%)

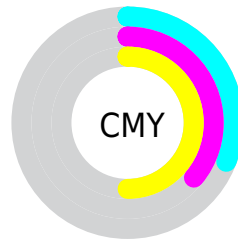


Cyan (0%)

Magenta (7%)

Yellow (27%)

Black (31%)



Cyan (31%)


Magenta (36%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.8669, 0.3565, 0.3791 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 36.8669, 0.3565, 0.3791 by changing the saturation by 10% instead.


 36.8669, 0.3565,
0.3791


 36.8669, 0.3565,
0.3791


332.7339, 0.3339,
0.3531

 25.1045, 0.3623,
0.3859


 70.3680, 0.3481,
0.3694

 16.1549, 0.3699,
0.3946


 92.8755, 0.3450,
0.3659

 9.6338, 0.3800,
0.4065


 119.7334, 0.3424,
0.3629

 5.1569, 0.3942,
0.4234

151.3262, 0.3402,
0.3604

 2.3396, 0.4170,
0.4507

188.0383, 0.3383,
0.3582

 0.7945, 0.4768,
0.5232

230.2540, 0.3367,

 0.0000, 0.0000,

0.3563

0.0000

278.3577, 0.3352,
0.3546

■ 36.8669, 0.3565,
0.3791

■ 36.8669, 0.3565,
0.3791

■ 34.8915, 0.3747,
0.3982

■ 38.9809, 0.3392,
0.3600

■ 33.0451, 0.3934,
0.4164

■ 41.2328, 0.3230,
0.3413

■ 31.3243, 0.4120,
0.4329

■ 43.6284, 0.3082,
0.3235

■ 29.7236, 0.4296,
0.4466

■ 46.1716, 0.2947,
0.3067

■ 28.2368, 0.4455,
0.4566

■ 48.8660, 0.2825,
0.2912

■ 26.8571, 0.4589,
0.4621

■ 51.7153, 0.2716,
0.2768

■ 25.5746, 0.4695,
0.4630

■ 54.7228, 0.2618,
0.2636

■ 25.1842, 0.4726,
0.4629

■ 57.0267, 0.2599,
0.2643

■ 59.1036, 0.2605,
0.2696

Harmonies

Analogous

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



36.8669, 0.3711, 0.3631



36.8669, 0.3565, 0.3791



36.8669, 0.3304, 0.3816

Triad

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



36.8669, 0.3565, 0.3791



36.8669, 0.2592, 0.3141



36.8669, 0.3232, 0.2941

Complementary

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



36.8669, 0.3565, 0.3791



26.4318, 0.2689, 0.2733

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.



36.8669, 0.2931, 0.2817



36.8669, 0.3565, 0.3791



36.8669, 0.2574, 0.2917

Square

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



36.8669, 0.3565, 0.3791



36.8669, 0.2746, 0.3425



36.8669, 0.2694, 0.2805



36.8669, 0.3515, 0.3148

Rectangle

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



36.8669, 0.3565, 0.3791



36.8669, 0.3103, 0.3743



36.8669, 0.2694, 0.2805



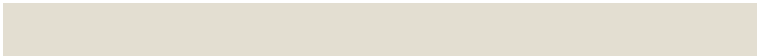
36.8669, 0.3129, 0.2888

Sweetspot

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



36.8686, 0.3565, 0.3791



73.3314, 0.3250, 0.3437



26.4605, 0.3542, 0.3107



16.1629, 0.3274, 0.3464



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



36.8686, 0.3565, 0.3791



63.9982, 0.3668, 0.3900



40.1041, 0.3420, 0.3971



8.9795, 0.3269, 0.3458



18.1427, 0.4719, 0.4635



0.5857, 0.4529, 0.4786

Inverse Universe

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



26.4318, 0.2689, 0.2733



42.2659, 0.2586, 0.2593



24.0203, 0.2779, 0.2557



8.0765, 0.2986, 0.3116



3.6237, 0.1590, 0.0922



0.1886, 0.1756, 0.1522

Previews

White Background



This preview shows how the Yxy color 36.8669, 0.3565, 0.3791 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 36.8669, 0.3565, 0.3791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

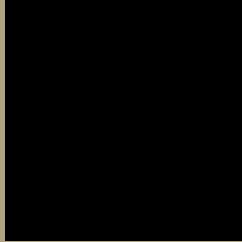
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

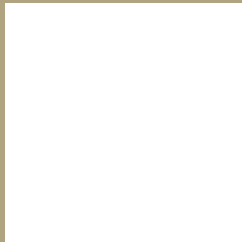
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.8669, 0.3565, 0.3791

Background



This preview shows how black text looks on a background with the Yxy color 36.8669, 0.3565, 0.3791.



This preview shows how white text looks on a background with the Yxy color 36.8669, 0.3565, 0.3791.

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

36.8669, 0.3565, 0.3791

Protanopia

36.7516, 0.3555, 0.3793

Deuteranopia

36.7753, 0.3744, 0.3671



Tritanopia

36.7195, 0.3233, 0.3113

Trichromacy



Original Color

36.8669, 0.3565, 0.3791

Protanomaly

36.7516, 0.3555, 0.3793

Deuteranomaly

36.6955, 0.3674, 0.3707

Tritanomaly

36.6278, 0.3351, 0.3347

Monochromacy



Original Color

36.8669, 0.3565, 0.3791

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.6119, 0.3282, 0.3479

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8669, 0.3565, 0.3791 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(175, 163, 128)` looks like.

```
.text, #text, p{  
    color:rgb(175, 163, 128)  
}
```

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(175, 163, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 163, 128) }
```

Border

The CSS property to change the border of an element to Yxy 36.8669, 0.3565, 0.3791 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(175, 163, 128) }
```

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

```
.border{ border-color:rgb(175, 163, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 163, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 163, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 163, 128);  
box-shadow:4px 4px 4px 4px rgb(175, 163,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8669, 0.3565, 0.3791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 163, 128) }
```

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

```
.background{ background-color: rgb(175,  
163, 128) }
```

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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