

Converting Colors

$Yxy(35.7191, 0.3634, 0.3737)$

Have a look what the booklet for
Yxy(35.7191, 0.3634, 0.3737)
contains.

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Color

Yxy(35.5697, 0.3634, 0.3731)

Conversions

Conversions Part 1

Format	Color
Hex	B39E7F
RGB	179, 158, 127
RGB Percent	70%, 62%, 50%
CMY	0.2981, 0.3803, 0.5019
CMYK	0.00, 0.12, 0.29, 0.30
HSL	36°, 25%, 60%
HSV	36°, 29%, 70%
XYZ	34.6449, 35.5697, 25.1209
YIQ	160.7450, 22.4670, -5.1890

Conversions

Conversions Part 2

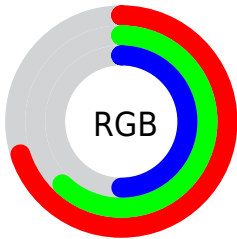
Format	Color
RYB	162, 179, 127
Decimal	11771519
CIELab	66.19, 2.90, 19.04
CIELCh	66, 19.261, 81.341
Yxy	35.5697, 0.3634, 0.3731
Android (android.graphics.Color)	4289961599 (0xFFB39E7F)
YUV	160.7450, -16.6363, 16.0096
Hunter-Lab	59.6403, -0.6803, 16.7749

Details

The Yxy color **35.5697, 0.3634, 0.3731** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.9395, 0.2663, 0.2805**, and the grayscale version is **35.5870, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5460, 0.3531, 0.3651**, and **15.4254, 0.3782, 0.3865** is the 20% darker color. If you saturate the color by 10%, you get **32.7534, 0.3844, 0.3888**, and if you desaturate by 10%, it is **38.6170, 0.3442, 0.3574**.

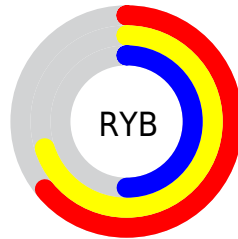
Distribution



Red (70%)

Green (62%)

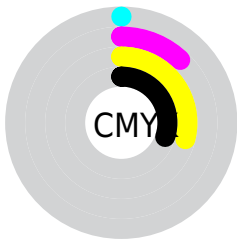
Blue (50%)



Red (64%)

Yellow (70%)

Blue (50%)

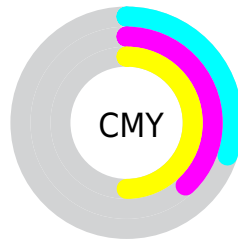


Cyan (0%)

Magenta (12%)

Yellow (29%)

Black (30%)



Cyan (30%)


Magenta (38%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5697, 0.3634, 0.3731 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 35.5697, 0.3634, 0.3731 by changing the saturation by 10% instead.


 35.5697, 0.3634,
0.3731


 35.5697, 0.3634,
0.3731


327.0759, 0.3369,
0.3504

 24.1021, 0.3703,
0.3789


 68.3674, 0.3535,
0.3647

 15.4093, 0.3794,
0.3865


 90.4662, 0.3499,
0.3616

 9.1072, 0.3917,
0.3966


 116.8776, 0.3469,
0.3590

 4.8112, 0.4094,
0.4107

147.9858, 0.3443,
0.3567

 2.1369, 0.4394,
0.4345

184.1754, 0.3421,
0.3548

 0.6853, 0.5131,
0.4869

225.8307, 0.3401,

 0.0000, 0.0000,

0.3531

0.0000

273.3360, 0.3384,
0.3517

■ 35.5697, 0.3634,
0.3731

■ 35.5697, 0.3634,
0.3731

■ 32.7534, 0.3844,
0.3888

■ 38.6170, 0.3442,
0.3574

■ 30.1563, 0.4068,
0.4036

■ 41.8968, 0.3268,
0.3421

■ 27.7727, 0.4300,
0.4168

■ 45.4169, 0.3113,
0.3276

■ 25.5947, 0.4531,
0.4271

■ 49.1831, 0.2975,
0.3141

■ 23.6137, 0.4750,
0.4335

■ 53.2012, 0.2854,
0.3015

■ 21.8197, 0.4944,
0.4349

■ 57.4764, 0.2746,
0.2898

■ 20.1969, 0.5109,
0.4317

■ 62.0140, 0.2652,
0.2792

■ 20.0480, 0.5124,
0.4313

■ 65.8015, 0.2646,
0.2848

■ 69.5786, 0.2656,
0.2932

Harmonies

Analogous

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



35.5697, 0.3715, 0.3536



35.5697, 0.3634, 0.3731



35.5697, 0.3416, 0.3816

Triad

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



35.5697, 0.3634, 0.3731



35.5697, 0.2648, 0.3255



35.5697, 0.3106, 0.2884

Complementary

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



35.5697, 0.3634, 0.3731



28.9395, 0.2663, 0.2805

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.



35.5697, 0.2828, 0.2805



35.5697, 0.3634, 0.3731



35.5697, 0.2573, 0.3003

Square

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



35.5697, 0.3634, 0.3731



35.5697, 0.2847, 0.3535



35.5697, 0.2637, 0.2844



35.5697, 0.3402, 0.3059

Rectangle

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



35.5697, 0.3634, 0.3731



35.5697, 0.3226, 0.3788



35.5697, 0.2637, 0.2844



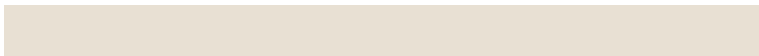
35.5697, 0.3007, 0.2846

Sweetspot

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



35.5713, 0.3634, 0.3731



74.9848, 0.3270, 0.3423



26.9216, 0.3496, 0.2981



16.4194, 0.3294, 0.3445



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



35.5713, 0.3634, 0.3731



60.3693, 0.3770, 0.3834



42.8381, 0.3517, 0.4013



9.3199, 0.3273, 0.3426



14.3004, 0.5111, 0.4324



0.5607, 0.4792, 0.4577

Inverse Universe

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



28.9395, 0.2663, 0.2805



46.5081, 0.2551, 0.2675



23.2874, 0.2668, 0.2471



8.7743, 0.2985, 0.3151



5.7161, 0.1694, 0.1298



0.2957, 0.1854, 0.1874

Previews

White Background



This preview shows how the Yxy color 35.5697, 0.3634, 0.3731 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 35.5697, 0.3634, 0.3731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

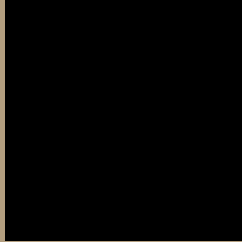
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5697, 0.3634, 0.3731

Background



This preview shows how black text looks on a background with the Yxy color 35.5697, 0.3634, 0.3731.



This preview shows how white text looks on a background with the Yxy color 35.5697, 0.3634, 0.3731.

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

35.5697, 0.3634, 0.3731

Protanopia

35.7062, 0.3531, 0.3771

Deuteranopia

35.6926, 0.3731, 0.3663



Tritanopia

35.5664, 0.3315, 0.3127

Trichromacy



Original Color

35.5697, 0.3634, 0.3731

Protanomaly

35.6988, 0.3565, 0.3752

Deuteranomaly

35.6497, 0.3695, 0.3681

Tritanomaly

35.6221, 0.3438, 0.3347

Monochromacy



Original Color

35.5697, 0.3634, 0.3731

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.6364, 0.3306, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5697, 0.3634, 0.3731 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(179, 158, 127)` looks like.

```
.text, #text, p{  
    color:rgb(179, 158, 127)  
}
```

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(179, 158, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 158, 127) }
```

Border

The CSS property to change the border of an element to Yxy 35.5697, 0.3634, 0.3731 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(179, 158, 127) }
```

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

```
.border{ border-color:rgb(179, 158, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 158, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 158, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 158, 127);  
box-shadow:4px 4px 4px 4px rgb(179, 158,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5697, 0.3634, 0.3731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 158, 127) }
```

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

```
.background{ background-color: rgb(179,  
158, 127) }
```

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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