

Converting Colors

$Yxy(35.0596, 0.3647, 0.3748)$

Have a look what the booklet for
Yxy(35.0596, 0.3647, 0.3748)
contains.

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Color

Yxy(35.0596, 0.3647, 0.3748)

Conversions

Conversions Part 1

Format	Color
Hex	B29D7D
RGB	178, 157, 125
RGB Percent	70%, 62%, 49%
CMY	0.3020, 0.3843, 0.5098
CMYK	0.00, 0.12, 0.30, 0.30
HSL	36°, 26%, 59%
HSV	36°, 30%, 70%
XYZ	34.1148, 35.0596, 24.3677
YIQ	159.6310, 22.7880, -5.5000

Conversions

Conversions Part 2

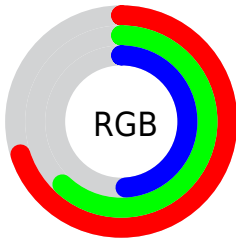
Format	Color
RYB	160, 178, 125
Decimal	11705725
CIELab	65.80, 2.77, 19.60
CIElCh	66, 19.794, 81.954
Yxy	35.0596, 0.3647, 0.3748
Android (android.graphics.Color)	4289895805 (0xFFB29D7D)
YUV	159.6310, -17.0731, 16.1096
Hunter-Lab	59.2111, -0.7758, 17.0476

Details

The Yxy color **35.0596, 0.3647, 0.3748** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.1180, 0.2650, 0.2784**, and the grayscale version is **35.0469, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2953, 0.3542, 0.3653**, and **15.1898, 0.3816, 0.3886** is the 20% darker color. If you saturate the color by 10%, you get **32.3313, 0.3856, 0.3906**, and if you desaturate by 10%, it is **38.0101, 0.3454, 0.3589**.

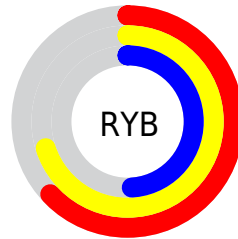
Distribution



Red (70%)

Green (62%)

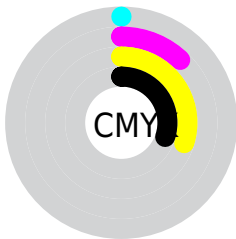
Blue (49%)



Red (63%)

Yellow (70%)

Blue (49%)

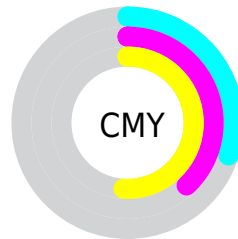


Cyan (0%)

Magenta (12%)

Yellow (30%)

Black (30%)



Cyan (30%)


Magenta (38%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0596, 0.3647, 0.3748 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 35.0596, 0.3647, 0.3748 by changing the saturation by 10% instead.


 35.0596, 0.3647,
0.3748


 35.0596, 0.3647,
0.3748


324.8313, 0.3375,
0.3511


 23.7088, 0.3718,
0.3809


 67.5781, 0.3546,
0.3661

 15.1177, 0.3812,
0.3888


 89.5146, 0.3508,
0.3628

 8.9021, 0.3939,
0.3994


 115.7484, 0.3477,
0.3601

 4.6774, 0.4120,
0.4141

146.6639, 0.3450,
0.3578

 2.0592, 0.4449,
0.4408

182.6456, 0.3428,
0.3558

 0.6415, 0.5136,
0.4864

224.0778, 0.3408,

 0.0000, 0.0000,

0.3540

0.0000

271.3449, 0.3390,
0.3525

■ 35.0596, 0.3647,
0.3748

■ 35.0596, 0.3647,
0.3748

■ 32.3313, 0.3856,
0.3906

■ 38.0101, 0.3454,
0.3589

■ 29.8136, 0.4079,
0.4056

■ 41.1841, 0.3280,
0.3434

■ 27.5010, 0.4309,
0.4187

■ 44.5892, 0.3124,
0.3287

■ 25.3859, 0.4536,
0.4289

■ 48.2311, 0.2985,
0.3148

■ 23.4597, 0.4750,
0.4351

■ 52.1153, 0.2862,
0.3020

■ 21.7129, 0.4938,
0.4364

■ 56.2469, 0.2753,
0.2902

■ 20.1283, 0.5098,
0.4332

■ 60.6309, 0.2658,
0.2793

■ 20.0937, 0.5102,
0.4331

■ 64.4495, 0.2637,
0.2819

■ 68.0776, 0.2647,
0.2901

Harmonies

Analogous

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



35.0596, 0.3734, 0.3548



35.0596, 0.3647, 0.3748



35.0596, 0.3419, 0.3834

Triad

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



35.0596, 0.3647, 0.3748



35.0596, 0.2629, 0.3248



35.0596, 0.3111, 0.2875

Complementary

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



35.0596, 0.3647, 0.3748



28.1180, 0.2650, 0.2784

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.



35.0596, 0.2823, 0.2791



35.0596, 0.3647, 0.3748



35.0596, 0.2556, 0.2988

Square

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



35.0596, 0.3647, 0.3748



35.0596, 0.2832, 0.3538



35.0596, 0.2624, 0.2827



35.0596, 0.3416, 0.3056

Rectangle

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



35.0596, 0.3647, 0.3748



35.0596, 0.3223, 0.3803



35.0596, 0.2624, 0.2827



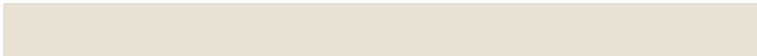
35.0596, 0.3009, 0.2834

Sweetspot

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



35.0612, 0.3647, 0.3748



75.0720, 0.3270, 0.3425



26.2088, 0.3518, 0.2985



16.4415, 0.3294, 0.3447



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.



35.0612, 0.3647, 0.3748



60.1626, 0.3789, 0.3857



42.1613, 0.3518, 0.4033



9.3309, 0.3273, 0.3427



14.5061, 0.5089, 0.4341



0.5664, 0.4779, 0.4588

Inverse Universe

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



28.1180, 0.2650, 0.2784



45.4521, 0.2533, 0.2645



22.6473, 0.2663, 0.2450



8.7635, 0.2985, 0.3149



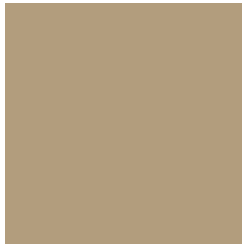
5.5887, 0.1688, 0.1276



0.2914, 0.1849, 0.1855

Previews

White Background



This preview shows how the Yxy color 35.0596, 0.3647, 0.3748 looks on a white background.

Color Contrast Check

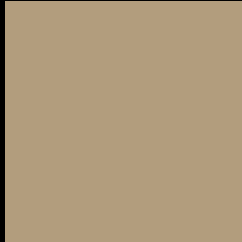
Large Text (above 18pt) WCAG AA × Fail

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 35.0596, 0.3647, 0.3748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

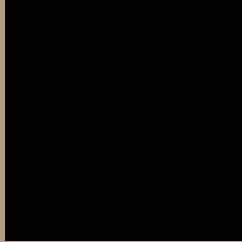
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0596, 0.3647, 0.3748

Background



This preview shows how black text looks on a background with the Yxy color 35.0596, 0.3647, 0.3748.



This preview shows how white text looks on a background with the Yxy color 35.0596, 0.3647, 0.3748.

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

35.0596, 0.3647, 0.3748

Protanopia

35.1940, 0.3543, 0.3788

Deuteranopia

35.1824, 0.3745, 0.3679



Tritanopia

35.0819, 0.3316, 0.3126

Trichromacy



Original Color

35.0596, 0.3647, 0.3748

Protanomaly

35.1869, 0.3577, 0.3769

Deuteranomaly

35.1394, 0.3709, 0.3697

Tritanomaly

35.1370, 0.3440, 0.3347

Monochromacy



Original Color

35.0596, 0.3647, 0.3748

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.1183, 0.3316, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0596, 0.3647, 0.3748 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(178, 157, 125)` looks like.

```
.text, #text, p{  
    color:rgb(178, 157, 125)  
}
```

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(178, 157, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 157, 125) }
```

Border

The CSS property to change the border of an element to Yxy 35.0596, 0.3647, 0.3748 is called "border". The border property can be set on classes, ids or directly on the HTML element.

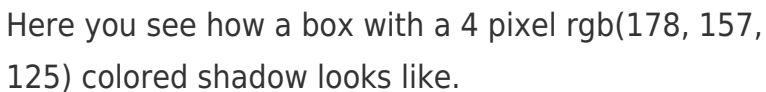
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 157, 125) }
```

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

```
.border{ border-color:rgb(178, 157, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 157, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 157, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 157, 125); box-shadow:4px 4px 4px 4px rgb(178, 157, 125) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0596, 0.3647, 0.3748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 157, 125) }
```

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

```
.background{ background-color: rgb(178,  
157, 125) }
```

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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