

Converting Colors

$Yxy(34.8076, 0.3525, 0.3597)$

Have a look what the booklet for
Yxy(34.8076, 0.3525, 0.3597)
contains.

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Color

Yxy(34.7563, 0.3531, 0.3592)

Conversions

Conversions Part 1

Format	Color
Hex	B09C87
RGB	176, 156, 135
RGB Percent	69%, 61%, 53%
CMY	0.3098, 0.3882, 0.4705
CMYK	0.00, 0.11, 0.23, 0.31
HSL	31°, 21%, 61%
HSV	31°, 23%, 69%
XYZ	34.1661, 34.7563, 27.8379
YIQ	159.5860, 18.6610, -2.2910

Conversions

Conversions Part 2

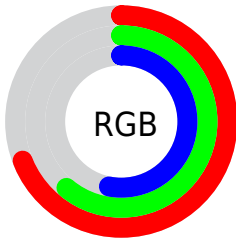
Format	Color
RYB	174, 176, 135
Decimal	11574407
CIELab	65.56, 3.97, 13.68
CIElCh	66, 14.245, 73.826
Yxy	34.7563, 0.3531, 0.3592
Android (android.graphics.Color)	4289764487 (0xFFB09C87)
YUV	159.5860, -12.1209, 14.3951
Hunter-Lab	58.9545, 0.2763, 13.2718

Details

The Yxy color **34.7563, 0.3531, 0.3592** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.7335, 0.2764, 0.2968**, and the grayscale version is **35.0048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.8798, 0.3455, 0.3533**, and **14.9700, 0.3666, 0.3694** is the 20% darker color. If you saturate the color by 10%, you get **31.5217, 0.3742, 0.3729**, and if you desaturate by 10%, it is **38.2798, 0.3343, 0.3458**.

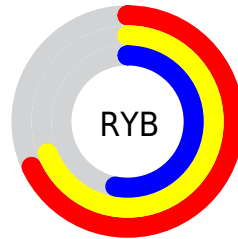
Distribution



Red (69%)

Green (61%)

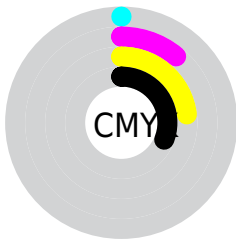
Blue (53%)



Red (68%)

Yellow (69%)

Blue (53%)

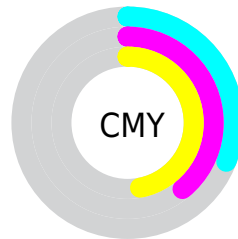


Cyan (0%)

Magenta (11%)

Yellow (23%)

Black (31%)



Cyan (31%)

Magenta (39%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.7563, 0.3531, 0.3592 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 34.7563, 0.3531, 0.3592 by changing the saturation by 10% instead.


 34.7563, 0.3531,
0.3592


 34.7563, 0.3531,
0.3592


323.4913, 0.3319,
0.3436

 23.4752, 0.3588,
0.3633


 67.1081, 0.3451,
0.3534

 14.9448, 0.3662,
0.3685


 88.9475, 0.3422,
0.3513

 8.7806, 0.3765,
0.3757


 115.0752, 0.3398,
0.3495

 4.5984, 0.3917,
0.3858

145.8756, 0.3377,
0.3479

 2.0136, 0.4157,
0.4012

181.7330, 0.3359,
0.3466

 0.6154, 0.5256,
0.4744

223.0318, 0.3344,

 0.0000, 0.0000,

0.3455

0.0000

270.1565, 0.3330,
0.3445

■ 34.7563, 0.3531,
0.3592

■ 34.7563, 0.3531,
0.3592

■ 31.5217, 0.3742,
0.3729

■ 38.2798, 0.3343,
0.3458

■ 28.5629, 0.3977,
0.3863

■ 42.0951, 0.3177,
0.3330

■ 25.8730, 0.4230,
0.3987

■ 46.2115, 0.3032,
0.3210

■ 23.4425, 0.4495,
0.4090

■ 50.6358, 0.2905,
0.3099

■ 21.2617, 0.4761,
0.4160

■ 55.3752, 0.2794,
0.2996

■ 19.3194, 0.5012,
0.4186

■ 60.4362, 0.2697,
0.2902

■ 17.6034, 0.5232,
0.4160

■ 65.6161, 0.2629,
0.2850

■ 16.5638, 0.5366,
0.4121

■ 70.1342, 0.2641,
0.2950

■ 74.8856, 0.2653,
0.3048

Harmonies

Analogous

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



34.7563, 0.3559, 0.3434



34.7563, 0.3531, 0.3592



34.7563, 0.3392, 0.3675

Triad

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



34.7563, 0.3531, 0.3592



34.7563, 0.2797, 0.3320



34.7563, 0.3057, 0.2960

Complementary

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



34.7563, 0.3531, 0.3592



31.7335, 0.2764, 0.2968

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.



34.7563, 0.2860, 0.2923



34.7563, 0.3531, 0.3592



34.7563, 0.2714, 0.3121

Square

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



34.7563, 0.3531, 0.3592



34.7563, 0.2968, 0.3517



34.7563, 0.2736, 0.2979



34.7563, 0.3280, 0.3077

Rectangle

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



34.7563, 0.3531, 0.3592



34.7563, 0.3258, 0.3671



34.7563, 0.2736, 0.2979



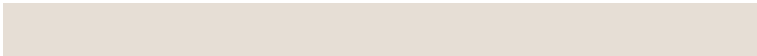
34.7563, 0.2986, 0.2938

Sweetspot

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



34.7579, 0.3531, 0.3592



73.6300, 0.3238, 0.3379



28.9475, 0.3368, 0.2997



15.8701, 0.3248, 0.3386



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.



34.7579, 0.3531, 0.3592



59.9224, 0.3638, 0.3663



42.0268, 0.3472, 0.3860



9.2008, 0.3275, 0.3407



12.2719, 0.5351, 0.4133



0.5025, 0.4947, 0.4454

Inverse Universe

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



31.7335, 0.2764, 0.2968



53.4569, 0.2680, 0.2885



25.6218, 0.2739, 0.2649



8.8917, 0.2985, 0.3170



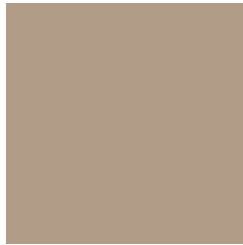
7.2838, 0.1767, 0.1562



0.3461, 0.1912, 0.2082

Previews

White Background



This preview shows how the Yxy color 34.7563, 0.3531, 0.3592 looks on a white background.

Color Contrast Check

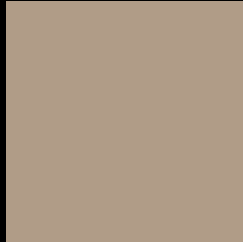
Large Text (above 18pt) WCAG AA × Fail

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 34.7563, 0.3531, 0.3592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

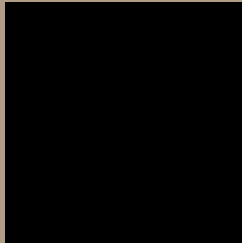
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.7563, 0.3531, 0.3592

Background



This preview shows how black text looks on a background with the Yxy color 34.7563, 0.3531, 0.3592.



This preview shows how white text looks on a background with the Yxy color 34.7563, 0.3531, 0.3592.

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

34.7563, 0.3531, 0.3592

Protanopia

34.7893, 0.3420, 0.3630

Deuteranopia

34.6273, 0.3605, 0.3530



Tritanopia

34.7205, 0.3286, 0.3124

Trichromacy



Original Color

34.7563, 0.3531, 0.3592

Protanomaly

34.7773, 0.3453, 0.3612

Deuteranomaly

34.5921, 0.3570, 0.3546

Tritanomaly

34.5474, 0.3382, 0.3291

Monochromacy



Original Color

34.7563, 0.3531, 0.3592

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.1376, 0.3269, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7563, 0.3531, 0.3592 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(176, 156, 135)` looks like.

```
.text, #text, p{  
    color:rgb(176, 156, 135)  
}
```

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(176, 156, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 156, 135) }
```

Border

The CSS property to change the border of an element to Yxy 34.7563, 0.3531, 0.3592 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(176, 156, 135) }
```

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

```
.border{ border-color:rgb(176, 156, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 156, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 156, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 156, 135);  
box-shadow:4px 4px 4px 4px rgb(176, 156,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7563, 0.3531, 0.3592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 156, 135) }
```

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

```
.background{ background-color: rgb(176,  
156, 135) }
```

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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