

Converting Colors

$Yxy(34.5511, 0.3706, 0.3760)$

Have a look what the booklet for
Yxy(34.5511, 0.3706, 0.3760)
contains.

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Color

Yxy(34.5511, 0.3706, 0.3760)

Conversions

Conversions Part 1

Format	Color
Hex	B49B7A
RGB	180, 155, 122
RGB Percent	71%, 61%, 48%
CMY	0.2942, 0.3921, 0.5216
CMYK	0.00, 0.14, 0.32, 0.29
HSL	34°, 28%, 59%
HSV	34°, 32%, 71%
XYZ	34.0549, 34.5511, 23.2852
YIQ	158.7130, 25.4930, -4.9630

Conversions

Conversions Part 2

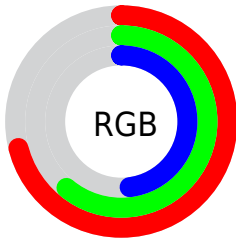
Format	Color
R _Y B	166, 180, 122
Decimal	11836282
CIE Lab	65.40, 4.27, 20.74
CIE LCh	65, 21.175, 78.353
Yxy	34.5511, 0.3706, 0.3760
Android (android.graphics.Color)	4290026362 (0xFFB49B7A)
YUV	158.7130, -18.0995, 18.6687
Hunter-Lab	58.7802, 0.5504, 17.6589

Details

The Yxy color **34.5511, 0.3706, 0.3760** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.2939, 0.2611, 0.2768**, and the grayscale version is **34.6088, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7006, 0.3594, 0.3662**, and **14.8173, 0.3888, 0.3903** is the 20% darker color. If you saturate the color by 10%, you get **31.6482, 0.3926, 0.3909**, and if you desaturate by 10%, it is **37.7055, 0.3504, 0.3609**.

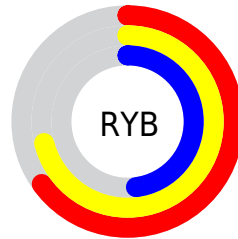
Distribution



Red (71%)

Green (61%)

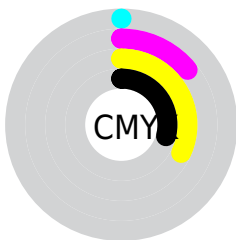
Blue (48%)



Red (65%)

Yellow (71%)

Blue (48%)

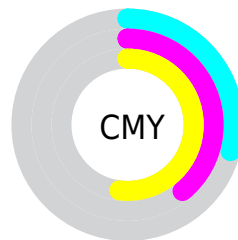


Cyan (0%)

Magenta (14%)

Yellow (32%)

Black (29%)



Cyan (29%)


Magenta (39%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5511, 0.3706, 0.3760 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 34.5511, 0.3706, 0.3760 by changing the saturation by 10% instead.


 34.5511, 0.3706,
0.3760


 34.5511, 0.3706,
0.3760


322.5825, 0.3402,
0.3518


 23.3173, 0.3786,
0.3822


 66.7898, 0.3592,
0.3671

 14.8280, 0.3891,
0.3901


 88.5634, 0.3551,
0.3638

 8.6987, 0.4033,
0.4007


 114.6191, 0.3516,
0.3610

 4.5452, 0.4236,
0.4151

145.3413, 0.3486,
0.3586

 1.9830, 0.4641,
0.4448

181.1143, 0.3461,
0.3566

 0.5976, 0.5294,
0.4706

222.3226, 0.3439,

 0.0000, 0.0000,

0.3548

0.0000

269.3505, 0.3419,
0.3532

■ 34.5511, 0.3706,
0.3760

■ 34.5511, 0.3706,
0.3760

■ 31.6482, 0.3926,
0.3909

■ 37.7055, 0.3504,
0.3609

■ 28.9845, 0.4162,
0.4047

■ 41.1140, 0.3322,
0.3461

■ 26.5534, 0.4405,
0.4165

■ 44.7849, 0.3161,
0.3320

■ 24.3459, 0.4646,
0.4252

■ 48.7249, 0.3017,
0.3188

■ 22.3523, 0.4871,
0.4294

■ 52.9401, 0.2891,
0.3064

■ 20.5615, 0.5068,
0.4286

■ 57.4366, 0.2780,
0.2951

■ 19.2941, 0.5203,
0.4251

■ 62.2203, 0.2683,
0.2847

■ 66.5684, 0.2654,
0.2864

■ 70.6611, 0.2664,
0.2953

Harmonies

Analogous

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



34.5511, 0.3779, 0.3534



34.5511, 0.3706, 0.3760



34.5511, 0.3475, 0.3873

Triad

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



34.5511, 0.3706, 0.3760



34.5511, 0.2613, 0.3281



34.5511, 0.3069, 0.2829

Complementary

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



34.5511, 0.3706, 0.3760



28.2939, 0.2611, 0.2768

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.



34.5511, 0.2769, 0.2753



34.5511, 0.3706, 0.3760



34.5511, 0.2516, 0.2993

Square

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



34.5511, 0.3706, 0.3760



34.5511, 0.2844, 0.3592



34.5511, 0.2572, 0.2807



34.5511, 0.3401, 0.3012

Rectangle

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



34.5511, 0.3706, 0.3760



34.5511, 0.3268, 0.3855



34.5511, 0.2572, 0.2807



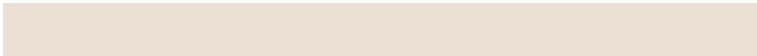
34.5511, 0.2961, 0.2790

Sweetspot

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



34.5527, 0.3706, 0.3760



75.8813, 0.3288, 0.3432



25.7313, 0.3538, 0.2932



16.2070, 0.3311, 0.3452



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.



34.5527, 0.3706, 0.3760



58.6936, 0.3869, 0.3871



43.2889, 0.3568, 0.4090



9.2812, 0.3273, 0.3420



13.6030, 0.5187, 0.4263



0.5412, 0.4841, 0.4538

Inverse Universe

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



28.2939, 0.2611, 0.2768



45.4939, 0.2486, 0.2623



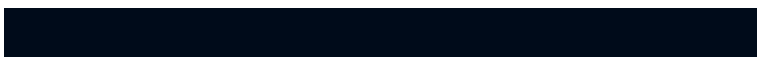
21.6387, 0.2598, 0.2364



8.8122, 0.2985, 0.3157



6.1860, 0.1717, 0.1381



0.3114, 0.1873, 0.1941

Previews

White Background



This preview shows how the Yxy color 34.5511, 0.3706, 0.3760 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 34.5511, 0.3706, 0.3760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

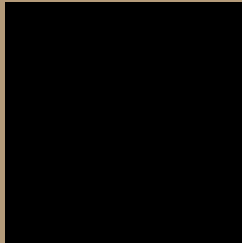
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.5511, 0.3706, 0.3760

Background



This preview shows how black text looks on a background with the Yxy color 34.5511, 0.3706, 0.3760.



This preview shows how white text looks on a background with the Yxy color 34.5511, 0.3706, 0.3760.

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

34.5511, 0.3706, 0.3760

Protanopia

34.6865, 0.3555, 0.3806

Deuteranopia

34.3256, 0.3773, 0.3695



Tritanopia

34.5762, 0.3370, 0.3140

Trichromacy



Original Color

34.5511, 0.3706, 0.3760

Protanomaly

34.7680, 0.3610, 0.3799

Deuteranomaly

34.4029, 0.3747, 0.3712

Tritanomaly

34.6303, 0.3496, 0.3361

Monochromacy



Original Color

34.5511, 0.3706, 0.3760

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.7445, 0.3327, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5511, 0.3706, 0.3760 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(180, 155, 122)` looks like.

```
.text, #text, p{  
    color:rgb(180, 155, 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(180, 155, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 155, 122) }
```

Border

The CSS property to change the border of an element to Yxy 34.5511, 0.3706, 0.3760 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(180, 155, 122) }
```

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

```
.border{ border-color:rgb(180, 155, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 155, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 155, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 155, 122);  
box-shadow:4px 4px 4px 4px rgb(180, 155,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5511, 0.3706, 0.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 155, 122) }
```

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

```
.background{ background-color: rgb(180,  
155, 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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