

Converting Colors

$Y_{xy}(34.7885, 0.3759, 0.3745)$

Have a look what the booklet for
Yxy(34.7885, 0.3759, 0.3745)
contains.

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Color

Yxy(34.7067, 0.3753, 0.3739)

Conversions

Conversions Part 1

Format	Color
Hex	B89A7A
RGB	184, 154, 122
RGB Percent	72%, 60%, 48%
CMY	0.2784, 0.3961, 0.5215
CMYK	0.00, 0.16, 0.34, 0.28
HSL	31°, 30%, 60%
HSV	31°, 34%, 72%
XYZ	34.8367, 34.7067, 23.2801
YIQ	159.3220, 28.1520, -3.5920

Conversions

Conversions Part 2

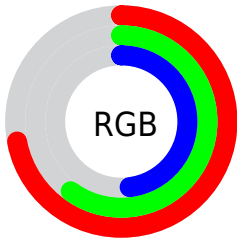
Format	Color
R _Y B	180, 184, 122
Decimal	12098170
CIE Lab	65.52, 6.45, 20.96
CIE LCh	66, 21.927, 72.904
Yxy	34.7067, 0.3753, 0.3739
Android (android.graphics.Color)	4290288250 (0xFFB89A7A)
YUV	159.3220, -18.3997, 21.6426
Hunter-Lab	58.9124, 2.4557, 17.8093

Details

The Yxy color **34.7067, 0.3753, 0.3739** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.0608, 0.2593, 0.2792**, and the grayscale version is **34.9037, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.9077, 0.3629, 0.3647**, and **14.9274, 0.3956, 0.3871** is the 20% darker color. If you saturate the color by 10%, you get **31.4630, 0.3988, 0.3874**, and if you desaturate by 10%, it is **38.2581, 0.3540, 0.3601**.

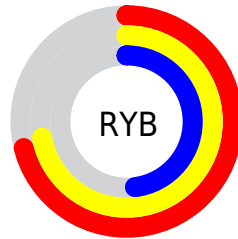
Distribution



Red (72%)

Green (60%)

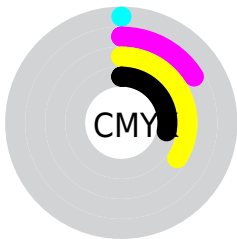
Blue (48%)



Red (71%)

Yellow (72%)

Blue (48%)

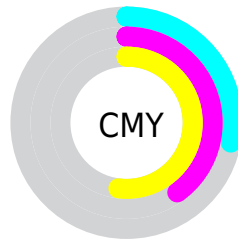


Cyan (0%)

Magenta (16%)

Yellow (34%)

Black (28%)



Cyan (28%)


Magenta (40%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.7067, 0.3753, 0.3739 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 34.7067, 0.3753, 0.3739 by changing the saturation by 10% instead.


 34.7067, 0.3753,
0.3739

 34.7067, 0.3753,
0.3739


323.2718, 0.3424,
0.3510


 23.4370, 0.3840,
0.3796


 67.0311, 0.3630,
0.3655

 14.9165, 0.3953,
0.3870


 88.8547, 0.3585,
0.3624

 8.7608, 0.4108,
0.3966


 114.9650, 0.3547,
0.3598

 4.5855, 0.4328,
0.4095

145.7465, 0.3515,
0.3575

 2.0062, 0.4761,
0.4358

181.5835, 0.3488,
0.3555

 0.6111, 0.5471,
0.4529

222.8605, 0.3464,

 0.0000, 0.0000,

0.3538

0.0000

269.9618, 0.3443,
0.3523

■ 34.7067, 0.3753,
0.3739

■ 34.7067, 0.3753,
0.3739

■ 31.4630, 0.3988,
0.3874

■ 38.2581, 0.3540,
0.3601

■ 28.5126, 0.4242,
0.3998

■ 42.1213, 0.3351,
0.3465

■ 25.8469, 0.4507,
0.4101

■ 46.3067, 0.3183,
0.3336

■ 23.4547, 0.4771,
0.4170

■ 50.8225, 0.3037,
0.3214

■ 21.3239, 0.5019,
0.4194

■ 55.6765, 0.2909,
0.3101

■ 19.4408, 0.5236,
0.4164

■ 60.8763, 0.2797,
0.2997

■ 18.3663, 0.5360,
0.4126

■ 66.4292, 0.2700,
0.2902

■ 71.3925, 0.2687,
0.2960

■ 76.3405, 0.2698,
0.3061

Harmonies

Analogous

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



34.7067, 0.3794, 0.3491



34.7067, 0.3753, 0.3739



34.7067, 0.3539, 0.3883

Triad

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



34.7067, 0.3753, 0.3739



34.7067, 0.2630, 0.3340



34.7067, 0.3005, 0.2791

Complementary

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



34.7067, 0.3753, 0.3739



30.0608, 0.2593, 0.2792

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.



34.7067, 0.2710, 0.2735



34.7067, 0.3753, 0.3739



34.7067, 0.2503, 0.3030

Square

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



34.7067, 0.3753, 0.3739



34.7067, 0.2889, 0.3655



34.7067, 0.2532, 0.2816



34.7067, 0.3349, 0.2962

Rectangle

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



34.7067, 0.3753, 0.3739



34.7067, 0.3333, 0.3889



34.7067, 0.2532, 0.2816



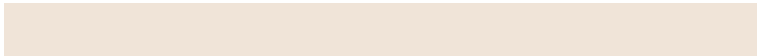
34.7067, 0.2897, 0.2758

Sweetspot

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



34.7083, 0.3753, 0.3739



78.9582, 0.3289, 0.3419



26.4138, 0.3514, 0.2858



16.7976, 0.3313, 0.3437



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



34.7083, 0.3753, 0.3739



58.7526, 0.3915, 0.3834



45.8778, 0.3627, 0.4117



9.7581, 0.3275, 0.3408



12.8000, 0.5342, 0.4141



0.5746, 0.4970, 0.4436

Inverse Universe

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



30.0608, 0.2593, 0.2792



49.1099, 0.2479, 0.2669



21.5226, 0.2531, 0.2304



9.4175, 0.2985, 0.3169



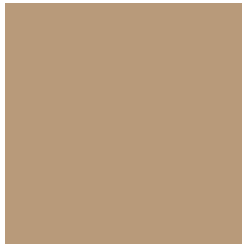
7.4554, 0.1763, 0.1547



0.3869, 0.1897, 0.2030

Previews

White Background



This preview shows how the Yxy color 34.7067, 0.3753, 0.3739 looks on a white background.

Color Contrast Check

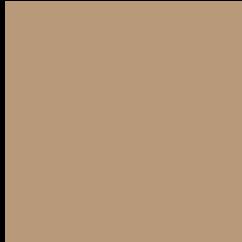
Large Text (above 18pt) WCAG AA × Fail

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 34.7067, 0.3753, 0.3739 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 34.7067, 0.3753, 0.3739

Background



This preview shows how black text looks on a background with the Yxy color 34.7067, 0.3753, 0.3739.



This preview shows how white text looks on a background with the Yxy color 34.7067, 0.3753, 0.3739.

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

34.7067, 0.3753, 0.3739

Protanopia

34.7976, 0.3565, 0.3804

Deuteranopia

34.7524, 0.3790, 0.3721



Tritanopia

34.7243, 0.3423, 0.3142

Trichromacy



Original Color

34.7067, 0.3753, 0.3739

Protanomaly

34.6580, 0.3635, 0.3782

Deuteranomaly

34.6267, 0.3779, 0.3722

Tritanomaly

34.7733, 0.3551, 0.3360

Monochromacy



Original Color

34.7067, 0.3753, 0.3739

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.5141, 0.3339, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7067, 0.3753, 0.3739 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(184, 154, 122)` looks like.

```
.text, #text, p{  
    color:rgb(184, 154, 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(184, 154, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 154, 122) }
```

Border

The CSS property to change the border of an element to Yxy 34.7067, 0.3753, 0.3739 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(184, 154, 122) }
```

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

```
.border{ border-color:rgb(184, 154, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 154, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 154, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 154, 122);  
box-shadow:4px 4px 4px 4px rgb(184, 154,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7067, 0.3753, 0.3739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 154, 122) }
```

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

```
.background{ background-color: rgb(184,  
154, 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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