

Converting Colors

$Yxy(34.5702, 0.3857, 0.3737)$

Have a look what the booklet for
Yxy(34.5702, 0.3857, 0.3737)
contains.

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Color

Yxy(34.7355, 0.3857, 0.3743)

Conversions

Conversions Part 1

Format	Color
Hex	BE9877
RGB	190, 152, 119
RGB Percent	75%, 60%, 47%
CMY	0.2549, 0.4039, 0.5333
CMYK	0.00, 0.20, 0.37, 0.25
HSL	28°, 35%, 61%
HSV	28°, 37%, 75%
XYZ	35.7934, 34.7355, 22.2723
YIQ	159.6000, 33.2410, -2.2070

Conversions

Conversions Part 2

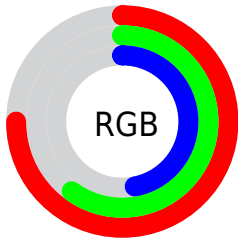
Format	Color
R_{YB}	190, 181, 119
Decimal	12490871
CIE Lab	65.54, 9.60, 22.75
CIE LCh	66, 24.689, 67.130
Yxy	34.7355, 0.3857, 0.3743
Android (android.graphics.Color)	4290680951 (0xFFBE9877)
YUV	159.6000, -20.0158, 26.6608
Hunter-Lab	58.9368, 5.2669, 18.8500

Details

The Yxy color **34.7355, 0.3857, 0.3743** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.7545, 0.2540, 0.2785**, and the grayscale version is **35.0435, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.8570, 0.3714, 0.3663**, and **14.9005, 0.4092, 0.3871** is the 20% darker color. If you saturate the color by 10%, you get **31.1645, 0.4113, 0.3863**, and if you desaturate by 10%, it is **38.6840, 0.3626, 0.3618**.

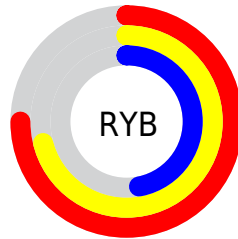
Distribution



Red (75%)

Green (60%)

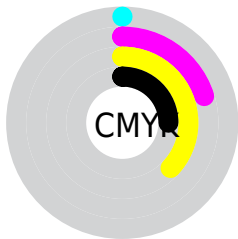
Blue (47%)



Red (75%)

Yellow (71%)

Blue (47%)

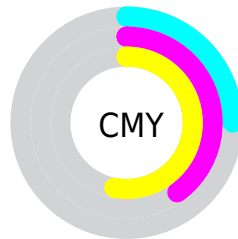


Cyan (0%)

Magenta (20%)

Yellow (37%)

Black (25%)



Cyan (25%)


Magenta (40%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.7355, 0.3857, 0.3743 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 34.7355, 0.3857, 0.3743 by changing the saturation by 10% instead.


 34.7355, 0.3857,
0.3743


 34.7355, 0.3857,
0.3743


323.3993, 0.3473,
0.3516


 23.4592, 0.3958,
0.3798


 67.0758, 0.3714,
0.3661

 14.9329, 0.4090,
0.3868


 88.9086, 0.3661,
0.3630

 8.7723, 0.4269,
0.3957


 115.0290, 0.3617,
0.3604

 4.5930, 0.4523,
0.4069

145.8215, 0.3579,
0.3581

 2.0105, 0.5055,
0.4335

181.6703, 0.3547,
0.3561

 0.6136, 0.5712,
0.4288

222.9600, 0.3519,

 0.0000, 0.0000,

0.3544

0.0000

270.0748, 0.3495,
0.3529

■ 34.7355, 0.3857,
0.3743

■ 34.7355, 0.3857,
0.3743

■ 31.1645, 0.4113,
0.3863

■ 38.6840, 0.3626,
0.3618

■ 27.9537, 0.4391,
0.3969

■ 43.0170, 0.3422,
0.3493

■ 25.0912, 0.4680,
0.4049

■ 47.7474, 0.3244,
0.3374

■ 22.5626, 0.4967,
0.4091

■ 52.8858, 0.3088,
0.3261

■ 20.3518, 0.5231,
0.4083

■ 58.4426, 0.2954,
0.3156

■ 18.4390, 0.5456,
0.4024

■ 64.4275, 0.2837,
0.3060

■ 17.9781, 0.5513,
0.4005

■ 70.8502, 0.2736,
0.2972

■ 76.6456, 0.2730,
0.3054

■ 82.5816, 0.2741,
0.3166

Harmonies

Analogous

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



34.7355, 0.3863, 0.3452



34.7355, 0.3857, 0.3743



34.7355, 0.3647, 0.3939

Triad

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



34.7355, 0.3857, 0.3743



34.7355, 0.2615, 0.3417



34.7355, 0.2918, 0.2710

Complementary

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



34.7355, 0.3857, 0.3743



31.7545, 0.2540, 0.2785

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.



34.7355, 0.2609, 0.2675



34.7355, 0.3857, 0.3743



34.7355, 0.2443, 0.3056

Square

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



34.7355, 0.3857, 0.3743



34.7355, 0.2925, 0.3762



34.7355, 0.2442, 0.2792



34.7355, 0.3302, 0.2878

Rectangle

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



34.7355, 0.3857, 0.3743



34.7355, 0.3426, 0.3975



34.7355, 0.2442, 0.2792



34.7355, 0.2802, 0.2682

Sweetspot

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



34.7371, 0.3857, 0.3743



83.1706, 0.3309, 0.3419



26.6127, 0.3530, 0.2762



18.0040, 0.3333, 0.3435



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



34.7371, 0.3857, 0.3743



57.4887, 0.4070, 0.3844



47.5871, 0.3696, 0.4166



10.2476, 0.3277, 0.3397



12.1084, 0.5492, 0.4022



0.6052, 0.5103, 0.4330

Inverse Universe

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



31.7545, 0.2540, 0.2785



51.2806, 0.2409, 0.2648



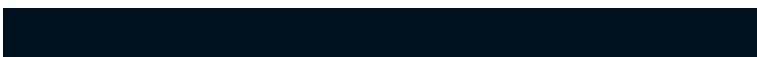
21.6960, 0.2460, 0.2231



10.0481, 0.2984, 0.3181



8.9085, 0.1810, 0.1716



0.4787, 0.1924, 0.2127

Previews

White Background



This preview shows how the Yxy color 34.7355, 0.3857, 0.3743 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 34.7355, 0.3857, 0.3743 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 34.7355, 0.3857, 0.3743

Background



This preview shows how black text looks on a background with the Yxy color 34.7355, 0.3857, 0.3743.



This preview shows how white text looks on a background with the Yxy color 34.7355, 0.3857, 0.3743.

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

34.7355, 0.3857, 0.3743

Protanopia

34.7475, 0.3584, 0.3833

Deuteranopia

34.8057, 0.3831, 0.3760



Tritanopia

34.8054, 0.3511, 0.3145

Trichromacy



Original Color

34.7355, 0.3857, 0.3743

Protanomaly

34.5045, 0.3680, 0.3793

Deuteranomaly

34.9332, 0.3841, 0.3758

Tritanomaly

34.8460, 0.3641, 0.3359

Monochromacy



Original Color

34.7355, 0.3857, 0.3743

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.8162, 0.3379, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7355, 0.3857, 0.3743 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(190, 152, 119)` looks like.

```
.text, #text, p{  
    color:rgb(190, 152, 119)  
}
```

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(190, 152, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 152, 119) }
```

Border

The CSS property to change the border of an element to Yxy 34.7355, 0.3857, 0.3743 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(190, 152, 119) }
```

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

```
.border{ border-color:rgb(190, 152, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 152, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 152, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 152, 119);  
box-shadow:4px 4px 4px 4px rgb(190, 152,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7355, 0.3857, 0.3743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 152, 119) }
```

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

```
.background{ background-color: rgb(190,  
152, 119) }
```

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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