

Converting Colors

$Yxy(35.8719, 0.3831, 0.3755)$

Have a look what the booklet for
Yxy(35.8719, 0.3831, 0.3755)
contains.

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Color

Yxy(35.8995, 0.3833, 0.3753)

Conversions

Conversions Part 1

Format	Color
Hex	BF9B79
RGB	191, 155, 121
RGB Percent	75%, 61%, 47%
CMY	0.2509, 0.3922, 0.5254
CMYK	0.00, 0.19, 0.37, 0.25
HSL	29°, 35%, 61%
HSV	29°, 37%, 75%
XYZ	36.6647, 35.8995, 23.0912
YIQ	161.8880, 32.3700, -2.9420

Conversions

Conversions Part 2

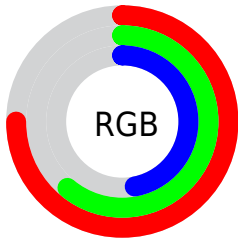
Format	Color
RYB	191, 187, 121
Decimal	12557177
CIELab	66.44, 8.62, 22.87
CIELCh	66, 24.444, 69.355
Yxy	35.8995, 0.3833, 0.3753
Android (android.graphics.Color)	4290747257 (0xFFBF9B79)
YUV	161.8880, -20.1578, 25.5312
Hunter-Lab	59.9162, 4.3769, 19.0914

Details

The Yxy color **35.8995, 0.3833, 0.3753** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.9618, 0.2548, 0.2773**, and the grayscale version is **36.1633, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.6134, 0.3690, 0.3661**, and **15.6027, 0.4052, 0.3885** is the 20% darker color. If you saturate the color by 10%, you get **32.3373, 0.4083, 0.3879**, and if you desaturate by 10%, it is **39.8244, 0.3607, 0.3622**.

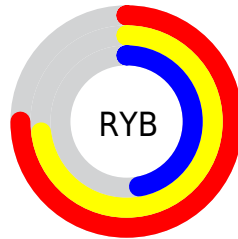
Distribution



Red (75%)

Green (61%)

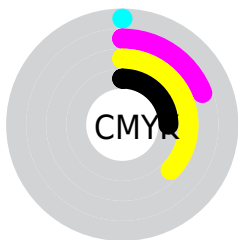
Blue (47%)



Red (75%)

Yellow (73%)

Blue (47%)

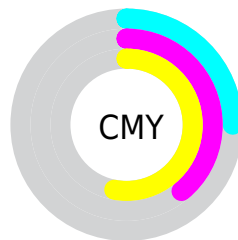


Cyan (0%)

Magenta (19%)

Yellow (37%)

Black (25%)



Cyan (25%)


Magenta (39%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.8995, 0.3833, 0.3753 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 35.8995, 0.3833, 0.3753 by changing the saturation by 10% instead.


 35.8995, 0.3833,
0.3753


 35.8995, 0.3833,
0.3753


328.5211, 0.3464,
0.3521

 24.3566, 0.3929,
0.3810


 68.8769, 0.3696,
0.3669

 15.5983, 0.4055,
0.3881


 91.0802, 0.3645,
0.3637

 9.2404, 0.4224,
0.3973


 117.6058, 0.3603,
0.3611

 4.8983, 0.4463,
0.4090

148.8380, 0.3567,
0.3587

 2.1877, 0.4918,
0.4325

185.1612, 0.3536,
0.3567

 0.7133, 0.5549,
0.4451

226.9599, 0.3509,

 0.0000, 0.0000,

0.3550

0.0000

274.6183, 0.3485,
0.3535

■ 35.8995, 0.3833,
0.3753

■ 35.8995, 0.3833,
0.3753

■ 32.3373, 0.4083,
0.3879

■ 39.8244, 0.3607,
0.3622

■ 29.1209, 0.4352,
0.3991

■ 44.1182, 0.3407,
0.3493

■ 26.2395, 0.4632,
0.4078

■ 48.7931, 0.3231,
0.3369

■ 23.6792, 0.4909,
0.4127

■ 53.8591, 0.3078,
0.3252

■ 21.4251, 0.5165,
0.4128

■ 59.3261, 0.2945,
0.3143

■ 19.4589, 0.5384,
0.4075

■ 65.2033, 0.2829,
0.3043

■ 18.8564, 0.5454,
0.4052

■ 71.4996, 0.2728,
0.2951

■ 76.9502, 0.2737,
0.3058

■ 82.6945, 0.2746,
0.3166

Harmonies

Analogous

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



35.8995, 0.3855, 0.3472



35.8995, 0.3833, 0.3753



35.8995, 0.3615, 0.3934

Triad

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



35.8995, 0.3833, 0.3753



35.8995, 0.2607, 0.3387



35.8995, 0.2949, 0.2729

Complementary

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



35.8995, 0.3833, 0.3753



31.9618, 0.2548, 0.2773

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.



35.8995, 0.2638, 0.2684



35.8995, 0.3833, 0.3753



35.8995, 0.2451, 0.3038

Square

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



35.8995, 0.3833, 0.3753



35.8995, 0.2904, 0.3730



35.8995, 0.2462, 0.2788



35.8995, 0.3327, 0.2903

Rectangle

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



35.8995, 0.3833, 0.3753



35.8995, 0.3394, 0.3958



35.8995, 0.2462, 0.2788



35.8995, 0.2833, 0.2699

Sweetspot

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



35.9012, 0.3833, 0.3753



83.4859, 0.3308, 0.3424



27.2001, 0.3548, 0.2803



18.0810, 0.3332, 0.3441



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.



35.9012, 0.3833, 0.3753



59.0932, 0.4032, 0.3855



49.2287, 0.3676, 0.4176



10.2799, 0.3277, 0.3402



12.5479, 0.5432, 0.4069



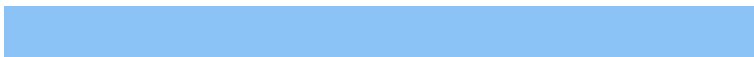
0.6225, 0.5060, 0.4364

Inverse Universe

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



31.9618, 0.2548, 0.2773



51.0074, 0.2420, 0.2636



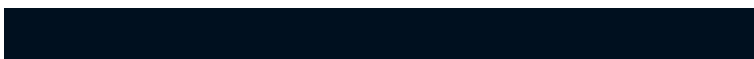
21.7935, 0.2470, 0.2217



10.0156, 0.2984, 0.3176



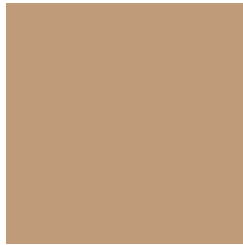
8.4135, 0.1791, 0.1647



0.4601, 0.1909, 0.2073

Previews

White Background



This preview shows how the Yxy color 35.8995, 0.3833, 0.3753 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 35.8995, 0.3833, 0.3753 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 35.8995, 0.3833, 0.3753

Background



This preview shows how black text looks on a background with the Yxy color 35.8995, 0.3833, 0.3753.



This preview shows how white text looks on a background with the Yxy color 35.8995, 0.3833, 0.3753.

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

35.8995, 0.3833, 0.3753

Protanopia

36.1801, 0.3586, 0.3839

Deuteranopia

35.8995, 0.3833, 0.3753



Tritanopia

35.9880, 0.3483, 0.3146

Trichromacy



Original Color

35.8995, 0.3833, 0.3753

Protanomaly

35.9296, 0.3680, 0.3799

Deuteranomaly

35.8995, 0.3833, 0.3753

Tritanomaly

36.0011, 0.3621, 0.3372

Monochromacy



Original Color

35.8995, 0.3833, 0.3753

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.7871, 0.3376, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8995, 0.3833, 0.3753 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(191, 155, 121)` looks like.

```
.text, #text, p{  
    color:rgb(191, 155, 121)  
}
```

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(191, 155, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 155, 121) }
```

Border

The CSS property to change the border of an element to Yxy 35.8995, 0.3833, 0.3753 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(191, 155, 121) }
```

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

```
.border{ border-color:rgb(191, 155, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 155, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 155, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 155, 121);  
box-shadow:4px 4px 4px 4px rgb(191, 155,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8995, 0.3833, 0.3753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 155, 121) }
```

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

```
.background{ background-color: rgb(191,  
155, 121) }
```

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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