

Converting Colors

$Yxy(35.4189, 0.3850, 0.3809)$

Have a look what the booklet for
Yxy(35.4189, 0.3850, 0.3809)
contains.

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Color

Yxy(35.5459, 0.3851, 0.3811)

Conversions

Conversions Part 1

Format	Color
Hex	BD9B75
RGB	189, 155, 117
RGB Percent	74%, 61%, 46%
CMY	0.2588, 0.3921, 0.5411
CMYK	0.00, 0.18, 0.38, 0.26
HSL	32°, 35%, 60%
HSV	32°, 38%, 74%
XYZ	35.9190, 35.5459, 21.8070
YIQ	160.8340, 32.4620, -4.6100

Conversions

Conversions Part 2

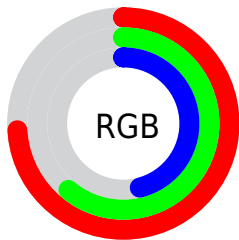
Format	Color
R_{YB}	181, 189, 117
Decimal	12426101
CIE Lab	66.17, 7.30, 24.66
CIE LCh	66, 25.719, 73.500
Yxy	35.5459, 0.3851, 0.3811
Android (android.graphics.Color)	4290616181 (0xFFBD9B75)
YUV	160.8340, -21.6102, 24.7016
Hunter-Lab	59.6204, 3.2037, 20.0482

Details

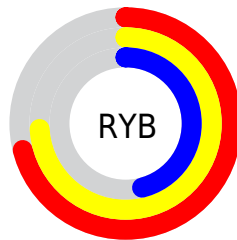
The Yxy color **35.5459, 0.3851, 0.3811** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.5983, 0.2518, 0.2701**, and the grayscale version is **35.6521, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0583, 0.3712, 0.3717**, and **15.3863, 0.4077, 0.3964** is the 20% darker color. If you saturate the color by 10%, you get **32.2844, 0.4092, 0.3945**, and if you desaturate by 10%, it is **39.1202, 0.3630, 0.3670**.

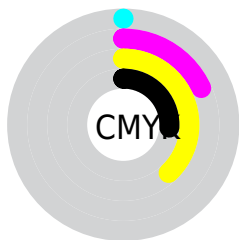
Distribution



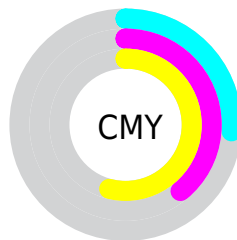
- Red (74%)
- Green (61%)
- Blue (46%)



- Red (71%)
- Yellow (74%)
- Blue (46%)



- Cyan (0%)
- Magenta (18%)
- Yellow (38%)
- Black (26%)





- Cyan (26%)
- Magenta (39%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5459, 0.3851, 0.3811 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 35.5459, 0.3851, 0.3811 by changing the saturation by 10% instead.

 35.5459, 0.3851,
0.3811


 35.5459, 0.3851,
0.3811


326.9714, 0.3473,
0.3548

 24.0837, 0.3949,
0.3876


 68.3306, 0.3711,
0.3716

 15.3957, 0.4077,
0.3957


 90.4219, 0.3659,
0.3680

 9.0976, 0.4248,
0.4061


 116.8250, 0.3615,
0.3650

 4.8049, 0.4487,
0.4195

147.9243, 0.3578,
0.3624

 2.1332, 0.5007,
0.4516

184.1041, 0.3546,
0.3601

 0.6832, 0.5478,
0.4522

225.7490, 0.3519,

 0.0000, 0.0000,

0.3581

0.0000

273.2433, 0.3495,
0.3564

■ 35.5459, 0.3851,
0.3811

■ 35.5459, 0.3851,
0.3811

■ 32.2844, 0.4092,
0.3945

■ 39.1202, 0.3630,
0.3670

■ 29.3205, 0.4349,
0.4064

■ 43.0118, 0.3431,
0.3530

■ 26.6450, 0.4611,
0.4156

■ 47.2315, 0.3254,
0.3394

■ 24.2460, 0.4864,
0.4209

■ 51.7879, 0.3099,
0.3266

■ 22.1103, 0.5095,
0.4211

■ 56.6892, 0.2963,
0.3146

■ 20.2200, 0.5291,
0.4163

■ 61.9433, 0.2844,
0.3036

■ 19.8803, 0.5328,
0.4151

■ 67.5579, 0.2740,
0.2934

■ 72.6588, 0.2718,
0.2976

■ 77.6527, 0.2727,
0.3076

Harmonies

Analogous

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



35.5459, 0.3906, 0.3523



35.5459, 0.3851, 0.3811



35.5459, 0.3596, 0.3983

Triad

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



35.5459, 0.3851, 0.3811



35.5459, 0.2547, 0.3338



35.5459, 0.2991, 0.2719

Complementary

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



35.5459, 0.3851, 0.3811



29.5983, 0.2518, 0.2701

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.



35.5459, 0.2650, 0.2651



35.5459, 0.3851, 0.3811



35.5459, 0.2406, 0.2978

Square

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



35.5459, 0.3851, 0.3811



35.5459, 0.2841, 0.3711



35.5459, 0.2443, 0.2736



35.5459, 0.3392, 0.2916

Rectangle

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



35.5459, 0.3851, 0.3811



35.5459, 0.3355, 0.3990



35.5459, 0.2443, 0.2736



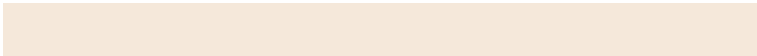
35.5459, 0.2866, 0.2680

Sweetspot

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



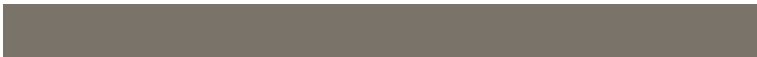
35.5476, 0.3851, 0.3811



82.1907, 0.3307, 0.3436



25.8091, 0.3600, 0.2815



17.4527, 0.3330, 0.3454



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



35.5476, 0.3851, 0.3811



58.5770, 0.4059, 0.3928



48.3434, 0.3680, 0.4226



10.3471, 0.3276, 0.3411



13.5310, 0.5310, 0.4166



0.6601, 0.4974, 0.4433

Inverse Universe

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



29.5983, 0.2518, 0.2701



46.3584, 0.2377, 0.2538



20.2717, 0.2448, 0.2153



9.9485, 0.2984, 0.3166



7.4602, 0.1752, 0.1507



0.4232, 0.1878, 0.1962

Previews

White Background



This preview shows how the Yxy color 35.5459, 0.3851, 0.3811 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 35.5459, 0.3851, 0.3811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

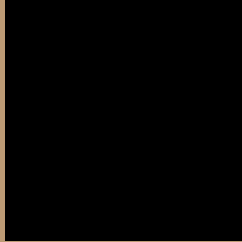
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5459, 0.3851, 0.3811

Background



This preview shows how black text looks on a background with the Yxy color 35.5459, 0.3851, 0.3811.



This preview shows how white text looks on a background with the Yxy color 35.5459, 0.3851, 0.3811.

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

35.5459, 0.3851, 0.3811

Protanopia

35.7300, 0.3627, 0.3883

Deuteranopia

35.4719, 0.3878, 0.3794



Tritanopia

35.4056, 0.3465, 0.3131

Trichromacy



Original Color

35.5459, 0.3851, 0.3811

Protanomaly

35.7119, 0.3707, 0.3858

Deuteranomaly

35.3427, 0.3867, 0.3796

Tritanomaly

35.3840, 0.3614, 0.3373

Monochromacy



Original Color

35.5459, 0.3851, 0.3811

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.4985, 0.3375, 0.3493

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5459, 0.3851, 0.3811 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(189, 155, 117)` looks like.

```
.text, #text, p{  
    color:rgb(189, 155, 117)  
}
```

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(189, 155, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 155, 117) }
```

Border

The CSS property to change the border of an element to Yxy 35.5459, 0.3851, 0.3811 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(189, 155, 117) }
```

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

```
.border{ border-color:rgb(189, 155, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 155, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 155, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 155, 117);  
box-shadow:4px 4px 4px 4px rgb(189, 155,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5459, 0.3851, 0.3811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 155, 117) }
```

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

```
.background{ background-color: rgb(189,  
155, 117) }
```

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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