

Converting Colors

$Yxy(33.0503, 0.3837, 0.3549)$

Have a look what the booklet for
Yxy(33.0503, 0.3837, 0.3549)
contains.

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Color

Yxy(32.9636, 0.3839, 0.3551)

Conversions

Conversions Part 1

Format	Color
Hex	C0917E
RGB	192, 145, 126
RGB Percent	75%, 57%, 49%
CMY	0.2469, 0.4314, 0.5058
CMYK	0.00, 0.24, 0.34, 0.25
HSL	17°, 34%, 62%
HSV	17°, 34%, 75%
XYZ	35.6371, 32.9636, 24.2284
YIQ	156.8870, 34.1110, 4.0550

Conversions

Conversions Part 2

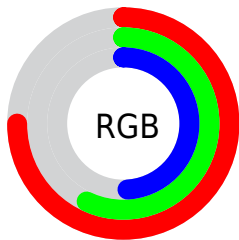
Format	Color
RYB	192, 153, 126
Decimal	12620158
CIELab	64.13, 15.15, 16.96
CIELCh	64, 22.743, 48.231
Yxy	32.9636, 0.3839, 0.3551
Android (android.graphics.Color)	4290810238 (0xFFC0917E)
YUV	156.8870, -15.2273, 30.7941
Hunter-Lab	57.4139, 10.3213, 15.1697

Details

The Yxy color **32.9636, 0.3839, 0.3551** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.1563, 0.2610, 0.3010**, and the grayscale version is **33.7238, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.4255, 0.3697, 0.3503**, and **13.8596, 0.4079, 0.3610** is the 20% darker color. If you saturate the color by 10%, you get **28.5829, 0.4131, 0.3628**, and if you desaturate by 10%, it is **37.9464, 0.3588, 0.3472**.

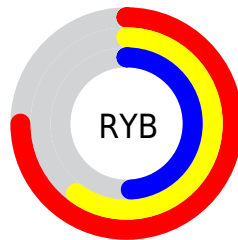
Distribution



Red (75%)

Green (57%)

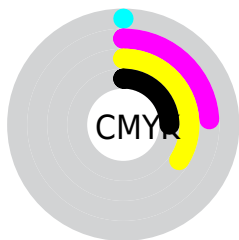
Blue (49%)



Red (75%)

Yellow (60%)

Blue (49%)

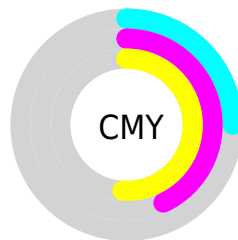


Cyan (0%)

Magenta (24%)

Yellow (34%)

Black (25%)



Cyan (25%)


Magenta (43%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.9636, 0.3839, 0.3551 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 32.9636, 0.3839, 0.3551 by changing the saturation by 10% instead.


 32.9636, 0.3839,
0.3551


 32.9636, 0.3839,
0.3551


315.4857, 0.3459,
0.3423


 22.0986, 0.3941,
0.3581


 64.3187, 0.3695,
0.3506

 13.9293, 0.4077,
0.3618


 85.5775, 0.3643,
0.3488

 8.0715, 0.4266,
0.3663


 111.0698, 0.3600,
0.3473

 4.1408, 0.4544,
0.3716

141.1798, 0.3563,
0.3461

 1.7526, 0.5054,
0.3819

176.2920, 0.3532,
0.3449

 0.4574, 0.6376,
0.3624


216.7908, 0.3504,


 0.0000, 0.0000,


0.3440


0.0000

263.0606, 0.3480,
0.3431

 32.9636, 0.3839,
0.3551


 32.9636, 0.3839,
0.3551


 28.5829, 0.4131,
0.3628


 37.9464, 0.3588,
0.3472


 24.7763, 0.4463,
0.3695


 43.5487, 0.3375,
0.3394


 21.5205, 0.4826,
0.3743

 49.7926, 0.3196,
0.3321

 18.7887, 0.5201,
0.3761


 56.6982, 0.3046,
0.3252


 16.5515, 0.5556,
0.3738

 64.2843, 0.2919,
0.3189


 14.7762, 0.5854,
0.3669

 72.5691, 0.2812,
0.3132

 13.9610, 0.5997,
0.3621

 81.2146, 0.2749,
0.3136

 89.6137, 0.2762,
0.3283

 89.9512, 0.2763,
0.3289

Harmonies

Analogous

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



32.9636, 0.3715, 0.3258



32.9636, 0.3839, 0.3551



32.9636, 0.3759, 0.3799

Triad

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



32.9636, 0.3839, 0.3551



32.9636, 0.2819, 0.3622



32.9636, 0.2735, 0.2707

Complementary

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



32.9636, 0.3839, 0.3551



38.1563, 0.2610, 0.3010

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.



32.9636, 0.2523, 0.2764



32.9636, 0.3839, 0.3551



32.9636, 0.2568, 0.3280

Square

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



32.9636, 0.3839, 0.3551



32.9636, 0.3160, 0.3867



32.9636, 0.2464, 0.2966



32.9636, 0.3061, 0.2789

Rectangle

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



32.9636, 0.3839, 0.3551



32.9636, 0.3605, 0.3902



32.9636, 0.2464, 0.2966



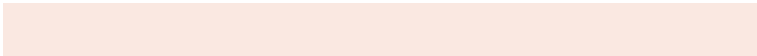
32.9636, 0.2649, 0.2710

Sweetspot

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



32.9652, 0.3839, 0.3551



83.5014, 0.3296, 0.3363



29.1672, 0.3364, 0.2667



17.5755, 0.3322, 0.3373



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.



32.9652, 0.3839, 0.3551



53.8242, 0.4047, 0.3607



44.4522, 0.3696, 0.3970



10.5389, 0.3282, 0.3357



9.5076, 0.5974, 0.3638



0.5326, 0.5521, 0.3998

Inverse Universe

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



38.1563, 0.2610, 0.3010



64.5666, 0.2508, 0.2941



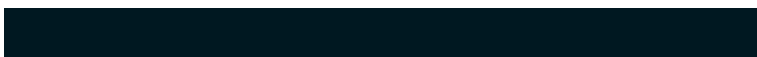
27.0945, 0.2544, 0.2502



10.9235, 0.2984, 0.3222



14.7054, 0.1983, 0.2337



0.7485, 0.2049, 0.2575

Previews

White Background



This preview shows how the Yxy color 32.9636, 0.3839, 0.3551 looks on a white background.

Color Contrast Check

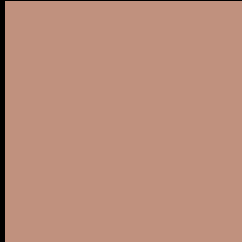
Large Text (above 18pt) WCAG AA × Fail

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 32.9636, 0.3839, 0.3551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

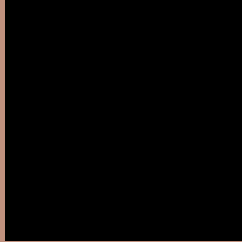
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.9636, 0.3839, 0.3551

Background



This preview shows how black text looks on a background with the Yxy color 32.9636, 0.3839, 0.3551.



This preview shows how white text looks on a background with the Yxy color 32.9636, 0.3839, 0.3551.

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

32.9636, 0.3839, 0.3551

Protanopia

32.9739, 0.3447, 0.3652

Deuteranopia

33.1171, 0.3707, 0.3647



Tritanopia

32.9189, 0.3601, 0.3144

Trichromacy



Original Color

32.9636, 0.3839, 0.3551

Protanomaly

32.7169, 0.3587, 0.3612

Deuteranomaly

32.9748, 0.3760, 0.3614

Tritanomaly

32.7985, 0.3686, 0.3278

Monochromacy



Original Color

32.9636, 0.3839, 0.3551

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.4038, 0.3368, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9636, 0.3839, 0.3551 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(192, 145, 126)` looks like.

```
.text, #text, p{  
    color:rgb(192, 145, 126)  
}
```

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(192, 145, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 145, 126) }
```

Border

The CSS property to change the border of an element to Yxy 32.9636, 0.3839, 0.3551 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(192, 145, 126) }
```

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

```
.border{ border-color:rgb(192, 145, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 145, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 145, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 145, 126);  
box-shadow:4px 4px 4px 4px rgb(192, 145,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9636, 0.3839, 0.3551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 145, 126) }
```

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

```
.background{ background-color: rgb(192,  
145, 126) }
```

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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