

Converting Colors

$Y_{xy}(36.8402, 0.3951, 0.3580)$

Have a look what the booklet for
Yxy(36.8402, 0.3951, 0.3580)
contains.

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Color

Yxy(36.9571, 0.3949, 0.3586)

Conversions

Conversions Part 1

Format	Color
Hex	CF9780
RGB	207, 151, 128
RGB Percent	81%, 59%, 50%
CMY	0.1882, 0.4079, 0.4981
CMYK	0.00, 0.27, 0.38, 0.19
HSL	17°, 45%, 66%
HSV	17°, 38%, 81%
XYZ	40.6982, 36.9571, 25.4041
YIQ	165.1220, 40.7590, 4.7190

Conversions

Conversions Part 2

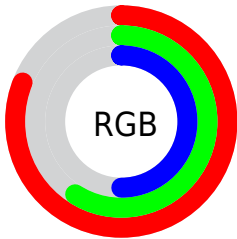
Format	Color
R _Y B	207, 160, 128
Decimal	13604736
CIE Lab	67.24, 18.05, 20.40
CIE LCh	67, 27.238, 48.502
Yxy	36.9571, 0.3949, 0.3586
Android (android.graphics.Color)	4291794816 (0xFFCF9780)
YUV	165.1220, -18.3011, 36.7270
Hunter-Lab	60.7924, 13.1123, 17.7783

Details

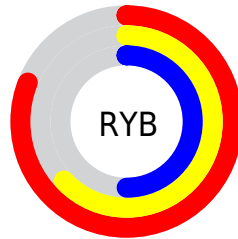
The Yxy color **36.9571, 0.3949, 0.3586** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **43.3768, 0.2553, 0.2968**, and the grayscale version is **37.7640, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.2588, 0.3704, 0.3540**, and **16.2582, 0.4206, 0.3650** is the 20% darker color. If you saturate the color by 10%, you get **32.0355, 0.4258, 0.3661**, and if you desaturate by 10%, it is **42.5813, 0.3681, 0.3506**.

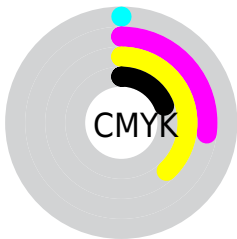
Distribution



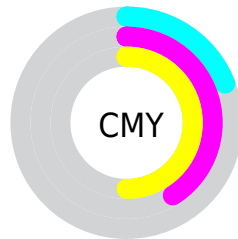
- Red (81%)
- Green (59%)
- Blue (50%)



- Red (81%)
- Yellow (63%)
- Blue (50%)



- Cyan (0%)
- Magenta (27%)
- Yellow (38%)
- Black (19%)





- Cyan (19%)
- Magenta (41%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9571, 0.3949, 0.3586 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 36.9571, 0.3949, 0.3586 by changing the saturation by 10% instead.


 36.9571, 0.3949,
0.3586

 36.9571, 0.3949,
0.3586


333.1248, 0.3519,
0.3446


 25.1743, 0.4062,
0.3617


 70.5068, 0.3789,
0.3538

 16.2069, 0.4209,
0.3654


 93.0425, 0.3729,
0.3519

 9.6707, 0.4409,
0.3697


 119.9312, 0.3680,
0.3503

 5.1812, 0.4695,
0.3743

151.5574, 0.3638,
0.3488

 2.3540, 0.5151,
0.3797

188.3055, 0.3602,
0.3476

 0.8020, 0.6105,
0.3895

230.5598, 0.3571,

 0.0000, 1.0000,

0.3465

0.0000

278.7047, 0.3543,
0.3455

0.0000, 0.0000,
0.0000

36.9571, 0.3949,
0.3586

36.9571, 0.3949,
0.3586

32.0355, 0.4258,
0.3661

42.5813, 0.3681,
0.3506

27.7829, 0.4604,
0.3723

48.9295, 0.3454,
0.3426

24.1707, 0.4976,
0.3761


56.0286, 0.3261,
0.3349


21.1660, 0.5347,
0.3764


63.9025, 0.3100,
0.3277


18.7325, 0.5683,
0.3721

72.5742, 0.2964,
0.3211

 16.8266, 0.5951,
0.3637

 82.0654, 0.2849,
0.3151

 16.5297, 0.5996,
0.3621

 91.1904, 0.2843,
0.3276

 92.0083, 0.2844,
0.3289

Harmonies

Analogous

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



36.9571, 0.3808, 0.3252



36.9571, 0.3949, 0.3586



36.9571, 0.3851, 0.3874

Triad

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



36.9571, 0.3949, 0.3586



36.9571, 0.2767, 0.3672



36.9571, 0.2680, 0.2625

Complementary

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



36.9571, 0.3949, 0.3586



43.3768, 0.2553, 0.2968

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.



36.9571, 0.2438, 0.2685



36.9571, 0.3949, 0.3586



36.9571, 0.2485, 0.3271

Square

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



36.9571, 0.3949, 0.3586



36.9571, 0.3158, 0.3960



36.9571, 0.2369, 0.2910



36.9571, 0.3053, 0.2721

Rectangle

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



36.9571, 0.3949, 0.3586



36.9571, 0.3672, 0.3996



36.9571, 0.2369, 0.2910



36.9571, 0.2582, 0.2627

Sweetspot

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



36.9589, 0.3949, 0.3586



86.2875, 0.3315, 0.3371



32.1891, 0.3400, 0.2595



18.1301, 0.3340, 0.3382



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



36.9589, 0.3949, 0.3586



52.5369, 0.4205, 0.3650



51.6078, 0.3767, 0.4048



12.3611, 0.3283, 0.3358



10.5551, 0.5971, 0.3641



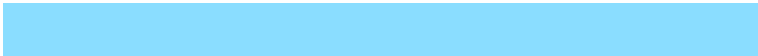
0.7274, 0.5604, 0.3932

Inverse Universe

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



43.3768, 0.2553, 0.2968



64.2278, 0.2438, 0.2884



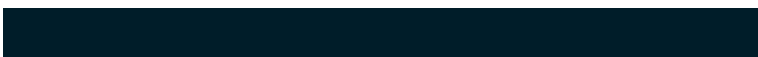
29.3775, 0.2468, 0.2392



12.8012, 0.2983, 0.3221



16.1017, 0.1978, 0.2320



1.0335, 0.2033, 0.2519

Previews

White Background



This preview shows how the Yxy color 36.9571, 0.3949, 0.3586 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 36.9571, 0.3949, 0.3586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

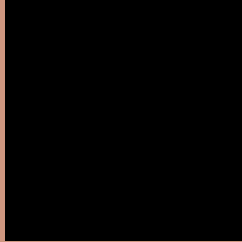
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9571, 0.3949, 0.3586

Background



This preview shows how black text looks on a background with the Yxy color 36.9571, 0.3949, 0.3586.



This preview shows how white text looks on a background with the Yxy color 36.9571, 0.3949, 0.3586.

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

36.9571, 0.3949, 0.3586

Protanopia

37.2708, 0.3496, 0.3719

Deuteranopia

36.8527, 0.3774, 0.3697



Tritanopia

37.0377, 0.3677, 0.3154

Trichromacy



Original Color

36.9571, 0.3949, 0.3586

Protanomaly

36.9013, 0.3655, 0.3664

Deuteranomaly

36.8453, 0.3836, 0.3663

Tritanomaly

36.8417, 0.3781, 0.3305

Monochromacy



Original Color

36.9571, 0.3949, 0.3586

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.1119, 0.3397, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9571, 0.3949, 0.3586 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(207, 151, 128)` looks like.

```
.text, #text, p{  
    color:rgb(207, 151, 128)  
}
```

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(207, 151, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 151, 128) }
```

Border

The CSS property to change the border of an element to Yxy 36.9571, 0.3949, 0.3586 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(207, 151, 128) }
```

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

```
.border{ border-color:rgb(207, 151, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 151, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 151, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 151, 128);  
box-shadow:4px 4px 4px 4px rgb(207, 151,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9571, 0.3949, 0.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 151, 128) }
```

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

```
.background{ background-color: rgb(207,  
151, 128) }
```

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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