

Converting Colors

$Yxy(36.8900, 0.3948, 0.3558)$

Have a look what the booklet for
Yxy(36.8900, 0.3948, 0.3558)
contains.

Yxy(36.8076, 0.3953, 0.3559)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(36.8076, 0.3953, 0.3559)

Conversions

Conversions Part 1

Format	Color
Hex	D09681
RGB	208, 150, 129
RGB Percent	82%, 59%, 51%
CMY	0.1843, 0.4117, 0.4940
CMYK	0.00, 0.28, 0.38, 0.18
HSL	16°, 46%, 66%
HSV	16°, 38%, 82%
XYZ	40.8824, 36.8076, 25.7312
YIQ	164.9480, 41.3090, 5.7650

Conversions

Conversions Part 2

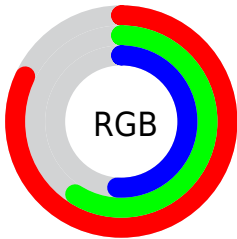
Format	Color
R _Y B	208, 158, 129
Decimal	13670017
CIE Lab	67.13, 19.10, 19.68
CIE LCh	67, 27.426, 45.858
Yxy	36.8076, 0.3953, 0.3559
Android (android.graphics.Color)	4291860097 (0xFFD09681)
YUV	164.9480, -17.7224, 37.7566
Hunter-Lab	60.6693, 14.1122, 17.3223

Details

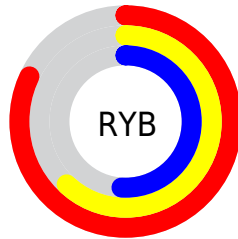
The Yxy color **36.8076, 0.3953, 0.3559** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.7770, 0.2560, 0.2999**, and the grayscale version is **37.6744, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8231, 0.3699, 0.3520**, and **16.1783, 0.4214, 0.3615** is the 20% darker color. If you saturate the color by 10%, you get **31.7492, 0.4268, 0.3628**, and if you desaturate by 10%, it is **42.6177, 0.3681, 0.3486**.

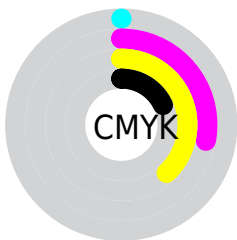
Distribution



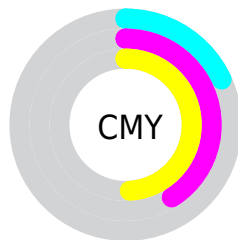
- Red (82%)
- Green (59%)
- Blue (51%)



- Red (82%)
- Yellow (62%)
- Blue (51%)



- Cyan (0%)
- Magenta (28%)
- Yellow (38%)
- Black (18%)





- Cyan (18%)
- Magenta (41%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.8076, 0.3953, 0.3559 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 36.8076, 0.3953, 0.3559 by changing the saturation by 10% instead.


 36.8076, 0.3953,
0.3559

 36.8076, 0.3953,
0.3559


332.4768, 0.3520,
0.3433

 25.0586, 0.4067,
0.3586


 70.2768, 0.3791,
0.3516

 16.1207, 0.4216,
0.3619


 92.7657, 0.3732,
0.3499

 9.6096, 0.4418,
0.3655


 119.6034, 0.3682,
0.3484

 5.1409, 0.4707,
0.3693

151.1742, 0.3640,
0.3471

 2.3302, 0.5167,
0.3730

187.8625, 0.3604,
0.3460

 0.7896, 0.6176,
0.3824

230.0528, 0.3572,

 0.0000, 1.0000,

0.3450

0.0000

278.1294, 0.3545,
0.3441

0.0000, 0.0000,
0.0000

36.8076, 0.3953,
0.3559

36.8076, 0.3953,
0.3559

31.7492, 0.4268,
0.3628

42.6177, 0.3681,
0.3486

27.4060, 0.4624,
0.3684

49.2037, 0.3451,
0.3413

23.7462, 0.5007,
0.3717

56.5950, 0.3258,
0.3342

20.7332, 0.5390,
0.3717

64.8179, 0.3097,
0.3277

18.3270, 0.5735,
0.3674

73.8977, 0.2961,
0.3217

■ 16.4797, 0.6006,
0.3591

■ 83.8583, 0.2848,
0.3162

■ 16.1638, 0.6056,
0.3574

■ 92.1494, 0.2849,
0.3289

Harmonies

Analogous

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



36.8076, 0.3791, 0.3223



36.8076, 0.3953, 0.3559



36.8076, 0.3875, 0.3856

Triad

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



36.8076, 0.3953, 0.3559



36.8076, 0.2796, 0.3707



36.8076, 0.2648, 0.2619

Complementary

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



36.8076, 0.3953, 0.3559



44.7770, 0.2560, 0.2999

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.



36.8076, 0.2419, 0.2694



36.8076, 0.3953, 0.3559



36.8076, 0.2498, 0.3307

Square

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



36.8076, 0.3953, 0.3559



36.8076, 0.3195, 0.3982



36.8076, 0.2366, 0.2934



36.8076, 0.3015, 0.2702

Rectangle

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



36.8076, 0.3953, 0.3559



36.8076, 0.3704, 0.3990



36.8076, 0.2366, 0.2934



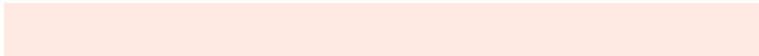
36.8076, 0.2554, 0.2625

Sweetspot

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



36.8094, 0.3953, 0.3559



85.8761, 0.3316, 0.3364



32.7616, 0.3370, 0.2569



18.0326, 0.3342, 0.3374



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.



36.8094, 0.3953, 0.3559



51.4058, 0.4221, 0.3618



51.0715, 0.3775, 0.4015



12.3116, 0.3284, 0.3352



10.2111, 0.6031, 0.3593



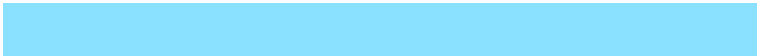
0.7029, 0.5663, 0.3886

Inverse Universe

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



44.7770, 0.2560, 0.2999



65.8294, 0.2445, 0.2921



30.6483, 0.2478, 0.2437



12.8537, 0.2983, 0.3227



17.1559, 0.2003, 0.2411



1.0855, 0.2053, 0.2591

Previews

White Background



This preview shows how the Yxy color 36.8076, 0.3953, 0.3559 looks on a white background.

Color Contrast Check

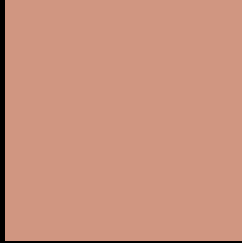
Large Text (above 18pt) WCAG AA × Fail

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 36.8076, 0.3953, 0.3559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

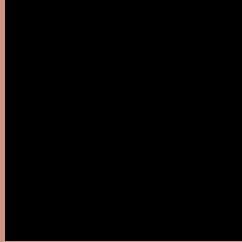
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.8076, 0.3953, 0.3559

Background



This preview shows how black text looks on a background with the Yxy color 36.8076, 0.3953, 0.3559.



This preview shows how white text looks on a background with the Yxy color 36.8076, 0.3953, 0.3559.

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

36.8076, 0.3953, 0.3559

Protanopia

36.8279, 0.3480, 0.3693

Deuteranopia

36.8789, 0.3764, 0.3683



Tritanopia

36.8410, 0.3701, 0.3154

Trichromacy



Original Color

36.8076, 0.3953, 0.3559

Protanomaly

36.5863, 0.3649, 0.3636

Deuteranomaly

36.6755, 0.3840, 0.3636

Tritanomaly

36.6757, 0.3795, 0.3292

Monochromacy



Original Color

36.8076, 0.3953, 0.3559

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.2324, 0.3407, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8076, 0.3953, 0.3559 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(208, 150, 129)` looks like.

```
.text, #text, p{  
    color:rgb(208, 150, 129)  
}
```

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(208, 150, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 150, 129) }
```

Border

The CSS property to change the border of an element to Yxy 36.8076, 0.3953, 0.3559 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(208, 150, 129) }
```

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

```
.border{ border-color:rgb(208, 150, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 150, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 150, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 150, 129);  
box-shadow:4px 4px 4px 4px rgb(208, 150,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8076, 0.3953, 0.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 150, 129) }
```

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

```
.background{ background-color: rgb(208,  
150, 129) }
```

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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