

Converting Colors

$Yxy(36.8380, 0.3668, 0.3540)$

Have a look what the booklet for
Yxy(36.8380, 0.3668, 0.3540)
contains.

Yxy(36.8184, 0.3668, 0.3534)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.8184, 0.3668, 0.3534)

Conversions

Conversions Part 1

Format	Color
Hex	C09C8A
RGB	192, 156, 138
RGB Percent	75%, 61%, 54%
CMY	0.2471, 0.3882, 0.4587
CMYK	0.00, 0.19, 0.28, 0.25
HSL	20°, 30%, 65%
HSV	20°, 28%, 75%
XYZ	38.2145, 36.8184, 29.1505
YIQ	164.7120, 27.2340, 2.0340

Conversions

Conversions Part 2

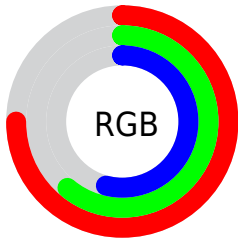
Format	Color
R _{YB}	192, 165, 138
Decimal	12622986
CIE _{Lab}	67.14, 10.67, 14.44
CIE _{LCh}	67, 17.957, 53.547
Yxy	36.8184, 0.3668, 0.3534
Android (android.graphics.Color)	4290813066 (0xFFC09C8A)
YUV	164.7120, -13.1690, 23.9316
Hunter-Lab	60.6782, 6.2306, 13.9911

Details

The Yxy color **36.8184, 0.3668, 0.3534** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.4922, 0.2698, 0.3032**, and the grayscale version is **37.5378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.4899, 0.3564, 0.3501**, and **16.2110, 0.3847, 0.3606** is the 20% darker color. If you saturate the color by 10%, you get **32.2385, 0.3925, 0.3625**, and if you desaturate by 10%, it is **41.9531, 0.3447, 0.3443**.

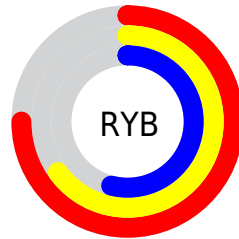
Distribution



Red (75%)

Green (61%)

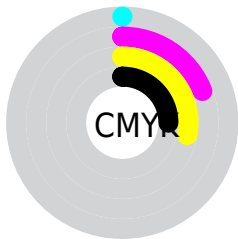
Blue (54%)



Red (75%)

Yellow (65%)

Blue (54%)

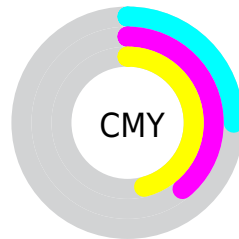


Cyan (0%)

Magenta (19%)

Yellow (28%)

Black (25%)



Cyan (25%)


Magenta (39%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.8184, 0.3668, 0.3534 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 36.8184, 0.3668, 0.3534 by changing the saturation by 10% instead.

 36.8184, 0.3668,
0.3534


 36.8184, 0.3668,
0.3534


332.5236, 0.3385,
0.3413

 25.0669, 0.3743,
0.3564

 70.2934, 0.3562,
0.3490

 16.1269, 0.3841,
0.3601


 92.7857, 0.3523,
0.3474

 9.6140, 0.3976,
0.3649

 119.6271, 0.3491,
0.3460

 5.1438, 0.4172,
0.3713

151.2019, 0.3463,
0.3448

 2.3319, 0.4479,
0.3797

187.8946, 0.3439,
0.3437

 0.7905, 0.5642,
0.4358

230.0895, 0.3419,

 0.0000, 0.0000,


0.3428


0.0000


278.1710, 0.3401,
0.3420

 36.8184, 0.3668,
0.3534


 36.8184, 0.3668,
0.3534


 32.2385, 0.3925,
0.3625

 41.9531, 0.3447,
0.3443


 28.1891, 0.4220,
0.3711


 47.6557, 0.3259,
0.3356


 24.6516, 0.4548,
0.3784

 53.9451, 0.3099,
0.3275

 21.6043, 0.4898,
0.3832

 60.8379, 0.2964,
0.3200

 19.0237, 0.5248,
0.3843

 68.3500, 0.2849,
0.3131

■ 16.8839, 0.5570,
0.3808

■ 76.4965, 0.2751,
0.3068

■ 15.1532, 0.5835,
0.3727

■ 84.1182, 0.2754,
0.3189

■ 14.8655, 0.5883,
0.3711

■ 89.9453, 0.2762,
0.3289

Harmonies

Analogous

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



36.8184, 0.3600, 0.3310



36.8184, 0.3668, 0.3534



36.8184, 0.3584, 0.3707

Triad

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



36.8184, 0.3668, 0.3534



36.8184, 0.2852, 0.3498



36.8184, 0.2868, 0.2843

Complementary

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



36.8184, 0.3668, 0.3534



39.4922, 0.2698, 0.3032

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.



36.8184, 0.2683, 0.2871



36.8184, 0.3668, 0.3534



36.8184, 0.2675, 0.3240

Square

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



36.8184, 0.3668, 0.3534



36.8184, 0.3108, 0.3699



36.8184, 0.2614, 0.3012



36.8184, 0.3128, 0.2923

Rectangle

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



36.8184, 0.3668, 0.3534



36.8184, 0.3455, 0.3767



36.8184, 0.2614, 0.3012



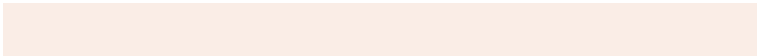
36.8184, 0.2795, 0.2840

Sweetspot

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



36.8201, 0.3668, 0.3534



86.3310, 0.3259, 0.3357



32.4840, 0.3330, 0.2805



18.1696, 0.3286, 0.3370



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.



36.8201, 0.3668, 0.3534



61.2620, 0.3829, 0.3593



46.5380, 0.3578, 0.3866



10.6138, 0.3281, 0.3367



10.1331, 0.5860, 0.3729



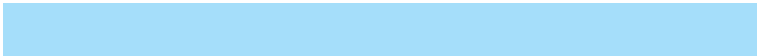
0.5661, 0.5419, 0.4079

Inverse Universe

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



39.4922, 0.2698, 0.3032



66.9198, 0.2602, 0.2963



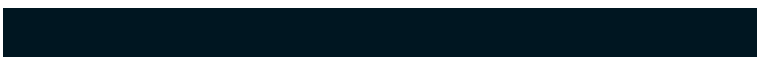
30.3689, 0.2658, 0.2639



10.8449, 0.2984, 0.3212



13.1068, 0.1938, 0.2175



0.6887, 0.2015, 0.2453

Previews

White Background



This preview shows how the Yxy color 36.8184, 0.3668, 0.3534 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 36.8184, 0.3668, 0.3534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

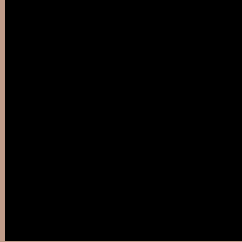
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.8184, 0.3668, 0.3534

Background



This preview shows how black text looks on a background with the Yxy color 36.8184, 0.3668, 0.3534.



This preview shows how white text looks on a background with the Yxy color 36.8184, 0.3668, 0.3534.

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

36.8184, 0.3668, 0.3534

Protanopia

36.9180, 0.3405, 0.3592

Deuteranopia

36.7677, 0.3634, 0.3550



Tritanopia

36.7389, 0.3448, 0.3133

Trichromacy



Original Color

36.8184, 0.3668, 0.3534

Protanomaly

36.6484, 0.3492, 0.3558

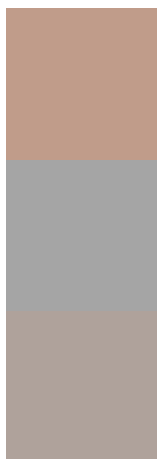
Deuteranomaly

36.8961, 0.3644, 0.3550

Tritanomaly

36.6184, 0.3526, 0.3265

Monochromacy



Original Color

36.8184, 0.3668, 0.3534

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.3212, 0.3316, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8184, 0.3668, 0.3534 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, 156, 138)` looks like.

```
.text, #text, p{  
    color:rgb(192, 156, 138)  
}
```

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, 156, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 156, 138) }
```

Border

The CSS property to change the border of an element to Yxy 36.8184, 0.3668, 0.3534 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, 156, 138) }
```

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

```
.border{ border-color:rgb(192, 156, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 156, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 156, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 156, 138);  
box-shadow:4px 4px 4px 4px rgb(192, 156,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8184, 0.3668, 0.3534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 156, 138) }
```

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

```
.background{ background-color: rgb(192,  
156, 138) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor