

Converting Colors

$Yxy(36.6848, 0.3833, 0.3585)$

Have a look what the booklet for
Yxy(36.6848, 0.3833, 0.3585)
contains.

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Color

Yxy(36.7005, 0.3835, 0.3581)

Conversions

Conversions Part 1

Format	Color
Hex	C89983
RGB	200, 153, 131
RGB Percent	78%, 60%, 51%
CMY	0.2158, 0.4000, 0.4863
CMYK	0.00, 0.23, 0.34, 0.22
HSL	19°, 39%, 65%
HSV	19°, 34%, 78%
XYZ	39.3037, 36.7005, 26.4826
YIQ	164.5450, 35.0740, 3.1220

Conversions

Conversions Part 2

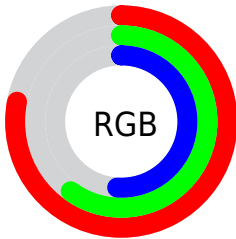
Format	Color
R _Y B	200, 163, 131
Decimal	13146499
CIE Lab	67.05, 14.53, 18.35
CIE LCh	67, 23.403, 51.635
Yxy	36.7005, 0.3835, 0.3581
Android (android.graphics.Color)	4291336579 (0xFFC89983)
YUV	164.5450, -16.5377, 31.0940
Hunter-Lab	60.5809, 9.7905, 16.4884

Details

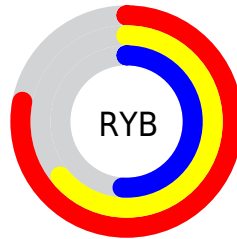
The Yxy color **36.7005, 0.3835, 0.3581** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.8209, 0.2603, 0.2976**, and the grayscale version is **37.4659, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3463, 0.3675, 0.3529**, and **16.1317, 0.4058, 0.3647** is the 20% darker color. If you saturate the color by 10%, you get **32.0051, 0.4121, 0.3666**, and if you desaturate by 10%, it is **42.0127, 0.3588, 0.3493**.

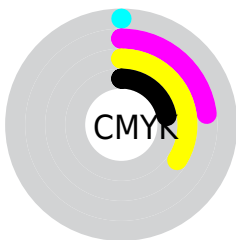
Distribution



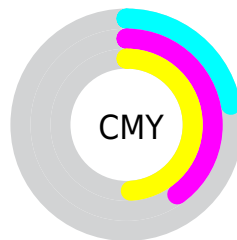
- Red (78%)
- Green (60%)
- Blue (51%)



- Red (78%)
- Yellow (64%)
- Blue (51%)



- Cyan (0%)
- Magenta (23%)
- Yellow (34%)
- Black (22%)




- Cyan (22%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7005, 0.3835, 0.3581 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 36.7005, 0.3835, 0.3581 by changing the saturation by 10% instead.


 36.7005, 0.3835,
0.3581


 36.7005, 0.3835,
0.3581


332.0120, 0.3464,
0.3440

 24.9757, 0.3933,
0.3614


 70.1119, 0.3696,
0.3531

 16.0589, 0.4061,
0.3654


 92.5673, 0.3646,
0.3512

 9.5659, 0.4235,
0.3704


 119.3683, 0.3603,
0.3496

 5.1121, 0.4486,
0.3765

150.8994, 0.3567,
0.3481

 2.3132, 0.4881,
0.3838

187.5449, 0.3536,
0.3469

 0.7807, 0.5900,
0.4100

229.6893, 0.3509,

 0.0000, 1.0000,

0.3458

0.0000

277.7168, 0.3485,
0.3448

0.0000, 0.0000,
0.0000

36.7005, 0.3835,
0.3581

36.7005, 0.3835,
0.3581

32.0051, 0.4121,
0.3666

42.0127, 0.3588,
0.3493

27.8982, 0.4444,
0.3741

47.9581, 0.3377,
0.3407

24.3569, 0.4795,
0.3796


54.5593, 0.3198,
0.3325


21.3547, 0.5156,
0.3819

61.8359, 0.3047,
0.3249

18.8627, 0.5498,
0.3798


69.8068, 0.2920,
0.3179

 16.8484, 0.5787,
0.3729

 78.4899, 0.2811,
0.3115

 15.9243, 0.5923,
0.3679

 86.8303, 0.2800,
0.3219

 91.0171, 0.2805,
0.3289

Harmonies

Analogous

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



36.7005, 0.3734, 0.3292



36.7005, 0.3835, 0.3581



36.7005, 0.3733, 0.3818

Triad

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



36.7005, 0.3835, 0.3581



36.7005, 0.2787, 0.3583



36.7005, 0.2770, 0.2714

Complementary

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



36.7005, 0.3835, 0.3581



40.8209, 0.2603, 0.2976

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.



36.7005, 0.2544, 0.2754



36.7005, 0.3835, 0.3581



36.7005, 0.2552, 0.3241

Square

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



36.7005, 0.3835, 0.3581



36.7005, 0.3120, 0.3844



36.7005, 0.2467, 0.2939



36.7005, 0.3103, 0.2810

Rectangle

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



36.7005, 0.3835, 0.3581



36.7005, 0.3570, 0.3908



36.7005, 0.2467, 0.2939



36.7005, 0.2680, 0.2711

Sweetspot

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



36.7022, 0.3835, 0.3581



87.8839, 0.3295, 0.3371



31.7279, 0.3391, 0.2691



18.4668, 0.3321, 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.



36.7022, 0.3835, 0.3581



57.6820, 0.4034, 0.3642



49.5987, 0.3690, 0.4000



11.1803, 0.3282, 0.3364



10.2714, 0.5898, 0.3699



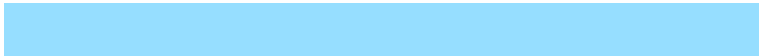
0.6182, 0.5483, 0.4028

Inverse Universe

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



40.8209, 0.2603, 0.2976



65.7940, 0.2501, 0.2900



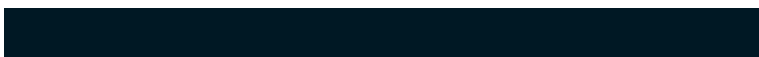
28.8325, 0.2535, 0.2461



11.4746, 0.2984, 0.3215



14.0451, 0.1951, 0.2223



0.7915, 0.2020, 0.2472

Previews

White Background



This preview shows how the Yxy color 36.7005, 0.3835, 0.3581 looks on a white background.

Color Contrast Check

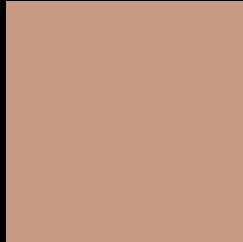
Large Text (above 18pt) WCAG AA × Fail

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 36.7005, 0.3835, 0.3581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

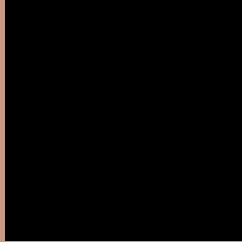
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7005, 0.3835, 0.3581

Background



This preview shows how black text looks on a background with the Yxy color 36.7005, 0.3835, 0.3581.



This preview shows how white text looks on a background with the Yxy color 36.7005, 0.3835, 0.3581.

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

36.7005, 0.3835, 0.3581

Protanopia

36.8562, 0.3470, 0.3678

Deuteranopia

36.8020, 0.3734, 0.3658



Tritanopia

36.7295, 0.3578, 0.3150

Trichromacy



Original Color

36.7005, 0.3835, 0.3581

Protanomaly

36.5848, 0.3604, 0.3640

Deuteranomaly

36.8580, 0.3770, 0.3640

Tritanomaly

36.5392, 0.3680, 0.3305

Monochromacy



Original Color

36.7005, 0.3835, 0.3581

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.2546, 0.3366, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7005, 0.3835, 0.3581 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(200, 153, 131)` looks like.

```
.text, #text, p{  
    color:rgb(200, 153, 131)  
}
```

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(200, 153, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 153, 131) }
```

Border

The CSS property to change the border of an element to Yxy 36.7005, 0.3835, 0.3581 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(200, 153, 131) }
```

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

```
.border{ border-color:rgb(200, 153, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 153, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 153, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 153, 131); box-shadow:4px 4px 4px 4px rgb(200, 153, 131) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7005, 0.3835, 0.3581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 153, 131) }
```

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

```
.background{ background-color: rgb(200,  
153, 131) }
```

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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