

Converting Colors

$Yxy(36.2469, 0.3875, 0.3514)$

Have a look what the booklet for
Yxy(36.2469, 0.3875, 0.3514)
contains.

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Color

Yxy(36.3435, 0.3870, 0.3512)

Conversions

Conversions Part 1

Format	Color
Hex	CC9685
RGB	204, 150, 133
RGB Percent	80%, 59%, 52%
CMY	0.1999, 0.4118, 0.4785
CMYK	0.00, 0.26, 0.35, 0.20
HSL	14°, 41%, 66%
HSV	14°, 35%, 80%
XYZ	40.0482, 36.3435, 27.0921
YIQ	164.2080, 37.6410, 6.1610

Conversions

Conversions Part 2

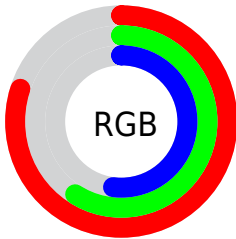
Format	Color
R _Y B	204, 155, 133
Decimal	13407877
CIE Lab	66.78, 18.03, 16.93
CIE LCh	67, 24.734, 43.207
Yxy	36.3435, 0.3870, 0.3512
Android (android.graphics.Color)	4291597957 (0xFFCC9685)
YUV	164.2080, -15.3855, 34.8976
Hunter-Lab	60.2856, 13.0793, 15.5553

Details

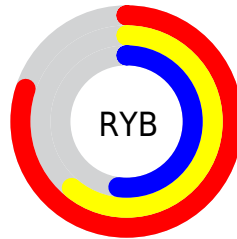
The Yxy color **36.3435, 0.3870, 0.3512** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.9036, 0.2608, 0.3054**, and the grayscale version is **37.2912, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.9909, 0.3668, 0.3478**, and **15.8441, 0.4111, 0.3572** is the 20% darker color. If you saturate the color by 10%, you get **31.2054, 0.4178, 0.3576**, and if you desaturate by 10%, it is **42.2508, 0.3608, 0.3446**.

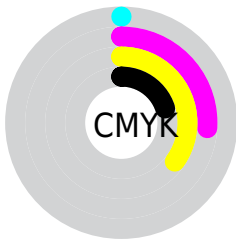
Distribution



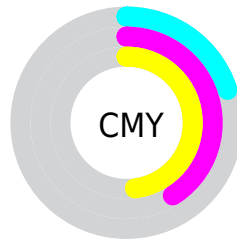
- Red (80%)
- Green (59%)
- Blue (52%)



- Red (80%)
- Yellow (61%)
- Blue (52%)



- Cyan (0%)
- Magenta (26%)
- Yellow (35%)
- Black (20%)



- Cyan (20%)
- Magenta (41%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.3435, 0.3870, 0.3512 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 36.3435, 0.3870, 0.3512 by changing the saturation by 10% instead.


 36.3435, 0.3870,
0.3512


 36.3435, 0.3870,
0.3512


330.4594, 0.3480,
0.3408

 24.6996, 0.3973,
0.3535


 69.5619, 0.3724,
0.3476

 15.8534, 0.4109,
0.3563


 91.9052, 0.3670,
0.3462

 9.4205, 0.4295,
0.3595


 118.5838, 0.3625,
0.3450

 5.0164, 0.4563,
0.3629

149.9820, 0.3587,
0.3439

 2.2569, 0.4983,
0.3657

186.4843, 0.3555,
0.3430

 0.7508, 0.6139,
0.3861

228.4751, 0.3526,

 0.0000, 1.0000,

0.3421

0.0000

276.3386, 0.3502,
0.3414

0.0000, 0.0000,
0.0000

36.3435, 0.3870,
0.3512

36.3435, 0.3870,
0.3512

31.2054, 0.4178,
0.3576

42.2508, 0.3608,
0.3446

26.7993, 0.4530,
0.3630

48.9521, 0.3388,
0.3380

23.0926, 0.4917,
0.3667

56.4775, 0.3204,
0.3318

20.0482, 0.5315,
0.3674

64.8541, 0.3051,
0.3261

17.6253, 0.5685,
0.3644

74.1075, 0.2924,
0.3208

■ 15.7778, 0.5984,
0.3573

■ 84.2358, 0.2819,
0.3164

■ 15.0234, 0.6110,
0.3530

■ 91.5821, 0.2827,
0.3289

Harmonies

Analogous

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



36.3435, 0.3705, 0.3204



36.3435, 0.3870, 0.3512



36.3435, 0.3820, 0.3787

Triad

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



36.3435, 0.3870, 0.3512



36.3435, 0.2858, 0.3694



36.3435, 0.2668, 0.2678

Complementary

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



36.3435, 0.3870, 0.3512



44.9036, 0.2608, 0.3054

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.



36.3435, 0.2471, 0.2762



36.3435, 0.3870, 0.3512



36.3435, 0.2574, 0.3340

Square

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



36.3435, 0.3870, 0.3512



36.3435, 0.3224, 0.3925



36.3435, 0.2437, 0.2996



36.3435, 0.2994, 0.2741

Rectangle

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



36.3435, 0.3870, 0.3512



36.3435, 0.3677, 0.3913



36.3435, 0.2437, 0.2996



36.3435, 0.2586, 0.2689

Sweetspot

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



36.3452, 0.3870, 0.3512



86.7066, 0.3298, 0.3351



33.2231, 0.3332, 0.2616



18.1835, 0.3324, 0.3360



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.



36.3452, 0.3870, 0.3512



53.4837, 0.4104, 0.3562



49.2708, 0.3720, 0.3941



11.6422, 0.3284, 0.3346



9.5746, 0.6087, 0.3549



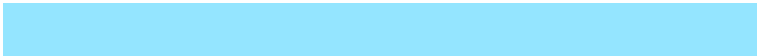
0.6155, 0.5694, 0.3860

Inverse Universe

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



44.9036, 0.2608, 0.3054



69.7532, 0.2504, 0.2992



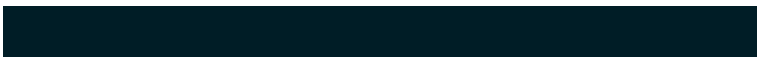
31.7837, 0.2540, 0.2539



12.2544, 0.2983, 0.3233



17.6895, 0.2029, 0.2504



1.0251, 0.2077, 0.2675

Previews

White Background



This preview shows how the Yxy color 36.3435, 0.3870, 0.3512 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 36.3435, 0.3870, 0.3512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

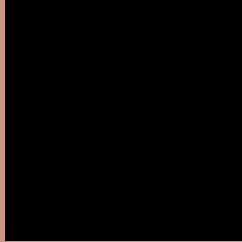
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.3435, 0.3870, 0.3512

Background



This preview shows how black text looks on a background with the Yxy color 36.3435, 0.3870, 0.3512.



This preview shows how white text looks on a background with the Yxy color 36.3435, 0.3870, 0.3512.

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

36.3435, 0.3870, 0.3512

Protanopia

36.3627, 0.3425, 0.3623

Deuteranopia

36.2617, 0.3697, 0.3620



Tritanopia

36.1482, 0.3638, 0.3139

Trichromacy



Original Color

36.3435, 0.3870, 0.3512

Protanomaly

36.3271, 0.3578, 0.3584

Deuteranomaly

36.2465, 0.3758, 0.3587

Tritanomaly

36.0165, 0.3721, 0.3266

Monochromacy



Original Color

36.3435, 0.3870, 0.3512

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.6799, 0.3380, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3435, 0.3870, 0.3512 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(204, 150, 133)` looks like.

```
.text, #text, p{  
  color:rgb(204, 150, 133)  
}
```

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(204, 150, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 150, 133) }
```

Border

The CSS property to change the border of an element to Yxy 36.3435, 0.3870, 0.3512 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(204, 150, 133) }
```

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

```
.border{ border-color:rgb(204, 150, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 150, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 150, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 150, 133);  
box-shadow:4px 4px 4px 4px rgb(204, 150,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3435, 0.3870, 0.3512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 150, 133) }
```

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

```
.background{ background-color: rgb(204,  
150, 133) }
```

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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