

Converting Colors

$Yxy(33.0542, 0.4011, 0.3495)$

Have a look what the booklet for
Yxy(33.0542, 0.4011, 0.3495)
contains.

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Color

Yxy(33.0488, 0.4016, 0.3500)

Conversions

Conversions Part 1

Format	Color
Hex	CC8C7C
RGB	204, 140, 124
RGB Percent	80%, 55%, 49%
CMY	0.2000, 0.4510, 0.5136
CMYK	0.00, 0.31, 0.39, 0.20
HSL	12°, 44%, 64%
HSV	12°, 39%, 80%
XYZ	37.9211, 33.0488, 23.4552
YIQ	157.3120, 43.2800, 8.5920

Conversions

Conversions Part 2

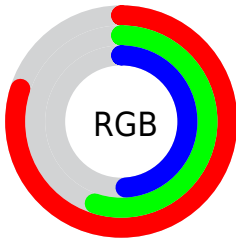
Format	Color
R_{YB}	204, 144, 124
Decimal	13405308
CIE Lab	64.20, 22.40, 18.38
CIE LCh	64, 28.975, 39.382
Yxy	33.0488, 0.4016, 0.3500
Android (android.graphics.Color)	4291595388 (0xFFCC8C7C)
YUV	157.3120, -16.4228, 40.9454
Hunter-Lab	57.4881, 17.1406, 16.0513

Details

The Yxy color **33.0488, 0.4016, 0.3500** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.6265, 0.2555, 0.3065**, and the grayscale version is **33.9271, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.0179, 0.3770, 0.3469**, and **13.9487, 0.4323, 0.3535** is the 20% darker color. If you saturate the color by 10%, you get **28.1641, 0.4356, 0.3550**, and if you desaturate by 10%, it is **38.7513, 0.3726, 0.3445**.

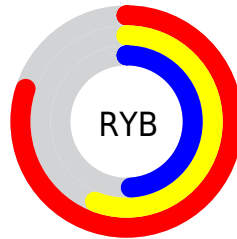
Distribution



Red (80%)

Green (55%)

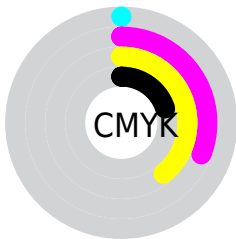
Blue (49%)



Red (80%)

Yellow (56%)

Blue (49%)

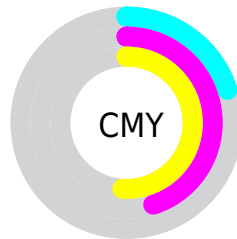


Cyan (0%)

Magenta (31%)

Yellow (39%)

Black (20%)



Cyan (20%)


Magenta (45%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0488, 0.4016, 0.3500 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 33.0488, 0.4016, 0.3500 by changing the saturation by 10% instead.

 33.0488, 0.4016,
0.3500


 33.0488, 0.4016,
0.3500


315.8696, 0.3542,
0.3405

 22.1638, 0.4144,
0.3519


 64.4517, 0.3837,
0.3469

 13.9773, 0.4313,
0.3540


 85.7384, 0.3771,
0.3456

 8.1049, 0.4547,
0.3560


 111.2612, 0.3717,
0.3445

 4.1621, 0.4887,
0.3571

141.4044, 0.3671,
0.3435

 1.7647, 0.5521,
0.3608

176.5525, 0.3632,
0.3426

 0.4650, 0.6820,
0.3180

217.0898, 0.3598,

 0.0000, 0.0000,

0.3418

0.0000

263.4007, 0.3568,
0.3411

■ 33.0488, 0.4016,
0.3500

■ 33.0488, 0.4016,
0.3500

■ 28.1641, 0.4356,
0.3550

■ 38.7513, 0.3726,
0.3445

■ 24.0547, 0.4740,
0.3589

■ 45.3021, 0.3483,
0.3389

■ 20.6816, 0.5152,
0.3607


■ 52.7358, 0.3282,
0.3336

■ 18.0001, 0.5558,
0.3595


■ 61.0838, 0.3115,
0.3286


■ 15.9605, 0.5909,
0.3548

■ 70.3759, 0.2977,
0.3240

 14.5015, 0.6169,
0.3475

 80.6405, 0.2863,
0.3199

 14.4078, 0.6187,
0.3470

 91.1194, 0.2827,
0.3282

 91.5789, 0.2827,
0.3289

Harmonies

Analogous

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



33.0488, 0.3785, 0.3137



33.0488, 0.4016, 0.3500



33.0488, 0.3985, 0.3842

Triad

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



33.0488, 0.4016, 0.3500



33.0488, 0.2851, 0.3833



33.0488, 0.2536, 0.2562

Complementary

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



33.0488, 0.4016, 0.3500



44.6265, 0.2555, 0.3065

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.



33.0488, 0.2328, 0.2679



33.0488, 0.4016, 0.3500



33.0488, 0.2497, 0.3404

Square

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



33.0488, 0.4016, 0.3500



33.0488, 0.3296, 0.4086



33.0488, 0.2313, 0.2975



33.0488, 0.2908, 0.2619

Rectangle

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



33.0488, 0.4016, 0.3500



33.0488, 0.3826, 0.4015



33.0488, 0.2313, 0.2975



33.0488, 0.2446, 0.2581

Sweetspot

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



33.0504, 0.4016, 0.3500



83.5430, 0.3337, 0.3351



30.9482, 0.3322, 0.2487



17.5272, 0.3363, 0.3358



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.



33.0504, 0.4016, 0.3500



47.8413, 0.4298, 0.3543



46.4067, 0.3822, 0.3977



11.5705, 0.3285, 0.3337



9.1739, 0.6165, 0.3487



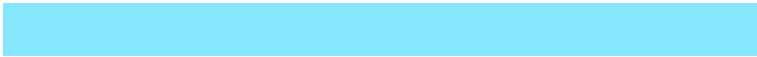
0.5827, 0.5790, 0.3785

Inverse Universe

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



44.6265, 0.2555, 0.3065



69.5678, 0.2450, 0.3008



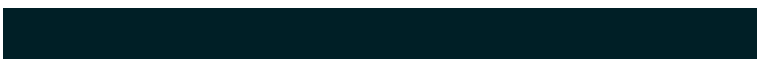
30.2525, 0.2467, 0.2487



12.3315, 0.2983, 0.3243



19.4204, 0.2067, 0.2641



1.1012, 0.2106, 0.2782

Previews

White Background



This preview shows how the Yxy color 33.0488, 0.4016, 0.3500 looks on a white background.

Color Contrast Check

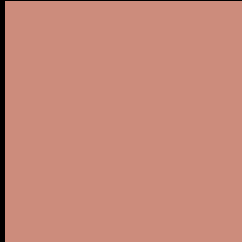
Large Text (above 18pt) WCAG AA × Fail

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 33.0488, 0.4016, 0.3500 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 33.0488, 0.4016, 0.3500

Background



This preview shows how black text looks on a background with the Yxy color 33.0488, 0.4016, 0.3500.



This preview shows how white text looks on a background with the Yxy color 33.0488, 0.4016, 0.3500.

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

33.0488, 0.4016, 0.3500

Protanopia

33.3354, 0.3435, 0.3651

Deuteranopia

33.1629, 0.3749, 0.3688



Tritanopia

33.1197, 0.3789, 0.3164

Trichromacy



Original Color

33.0488, 0.4016, 0.3500

Protanomaly

32.9814, 0.3644, 0.3592

Deuteranomaly

32.9350, 0.3845, 0.3608

Tritanomaly

33.0202, 0.3866, 0.3279

Monochromacy



Original Color

33.0488, 0.4016, 0.3500

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.1762, 0.3424, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0488, 0.4016, 0.3500 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, 140, 124)` looks like.

```
.text, #text, p{  
    color:rgb(204, 140, 124)  
}
```

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, 140, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 140, 124) }
```

Border

The CSS property to change the border of an element to Yxy 33.0488, 0.4016, 0.3500 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, 140, 124) }
```

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

```
.border{ border-color:rgb(204, 140, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 140, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 140, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 140, 124);  
box-shadow:4px 4px 4px 4px rgb(204, 140,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0488, 0.4016, 0.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 140, 124) }
```

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

```
.background{ background-color: rgb(204,  
140, 124) }
```

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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