

Converting Colors

$Yxy(33.0516, 0.3877, 0.3412)$

Have a look what the booklet for
Yxy(33.0516, 0.3877, 0.3412)
contains.

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Color

Yxy(32.9951, 0.3878, 0.3411)

Conversions

Conversions Part 1

Format	Color
Hex	C88D84
RGB	200, 141, 132
RGB Percent	78%, 55%, 52%
CMY	0.2156, 0.4471, 0.4823
CMYK	0.00, 0.30, 0.34, 0.22
HSL	8°, 38%, 65%
HSV	8°, 34%, 78%
XYZ	37.5125, 32.9951, 26.2239
YIQ	157.6150, 38.0530, 9.7090

Conversions

Conversions Part 2

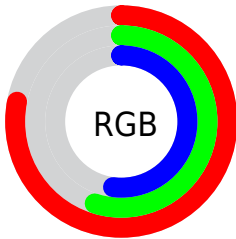
Format	Color
R _Y B	200, 142, 132
Decimal	13143428
CIE Lab	64.16, 21.26, 13.77
CIE LCh	64, 25.325, 32.929
Yxy	32.9951, 0.3878, 0.3411
Android (android.graphics.Color)	4291333508 (0xFFC88D84)
YUV	157.6150, -12.6282, 37.1716
Hunter-Lab	57.4414, 16.0482, 13.1411

Details

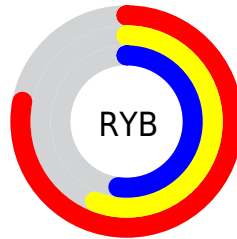
The Yxy color **32.9951, 0.3878, 0.3411** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.3495, 0.2634, 0.3164**, and the grayscale version is **34.0552, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.7930, 0.3700, 0.3396**, and **13.8662, 0.4122, 0.3418** is the 20% darker color. If you saturate the color by 10%, you get **27.7767, 0.4208, 0.3447**, and if you desaturate by 10%, it is **39.1238, 0.3603, 0.3374**.

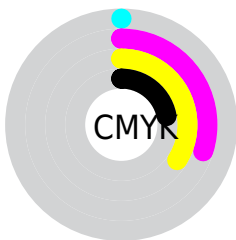
Distribution



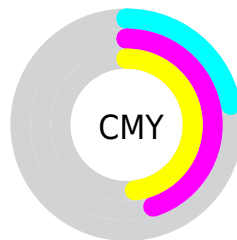
- Red (78%)
- Green (55%)
- Blue (52%)



- Red (78%)
- Yellow (56%)
- Blue (52%)



- Cyan (0%)
- Magenta (30%)
- Yellow (34%)
- Black (22%)





- Cyan (22%)
- Magenta (45%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.9951, 0.3878, 0.3411 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 32.9951, 0.3878, 0.3411 by changing the saturation by 10% instead.


 32.9951, 0.3878,
0.3411


 32.9951, 0.3878,
0.3411


315.6277, 0.3477,
0.3358

 22.1227, 0.3987,
0.3421


 64.3679, 0.3726,
0.3394

 13.9471, 0.4131,
0.3432


 85.6370, 0.3671,
0.3387

 8.0839, 0.4333,
0.3441


 111.1406, 0.3625,
0.3380

 4.1487, 0.4631,
0.3442

141.2629, 0.3586,
0.3375

 1.7571, 0.5126,
0.3424

176.3883, 0.3553,
0.3370

 0.4602, 0.6763,
0.3237


216.9014, 0.3524,


 0.0000, 0.0000,

0.3365


0.0000


263.1863, 0.3499,
0.3361


 32.9951, 0.3878,
0.3411

 32.9951, 0.3878,
0.3411

 27.7767, 0.4208,
0.3447


 39.1238, 0.3603,
0.3374

 23.4206, 0.4592,
0.3476


 46.1986, 0.3376,
0.3337

 19.8817, 0.5019,
0.3494


 54.2588, 0.3191,
0.3303


 17.1084, 0.5458,
0.3493


 63.3403, 0.3040,
0.3271


 15.0436, 0.5857,
0.3467

 73.4773, 0.2916,
0.3242

 13.6219, 0.6159,
0.3418

 84.7020, 0.2813,
0.3216

 13.0398, 0.6289,
0.3388

 91.0214, 0.2805,
0.3289

Harmonies

Analogous

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



32.9951, 0.3634, 0.3093



32.9951, 0.3878, 0.3411



32.9951, 0.3903, 0.3722

Triad

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



32.9951, 0.3878, 0.3411



32.9951, 0.2969, 0.3824



32.9951, 0.2554, 0.2657

Complementary

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



32.9951, 0.3878, 0.3411



46.3495, 0.2634, 0.3164

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.



32.9951, 0.2403, 0.2800



32.9951, 0.3878, 0.3411



32.9951, 0.2631, 0.3477

Square

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



32.9951, 0.3878, 0.3411



32.9951, 0.3364, 0.3998



32.9951, 0.2430, 0.3093



32.9951, 0.2857, 0.2673

Rectangle

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



32.9951, 0.3878, 0.3411



32.9951, 0.3795, 0.3887



32.9951, 0.2430, 0.3093



32.9951, 0.2485, 0.2686

Sweetspot

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



32.9967, 0.3878, 0.3411



85.1498, 0.3301, 0.3324



32.5955, 0.3245, 0.2542



17.8097, 0.3328, 0.3329



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.



32.9967, 0.3878, 0.3411



50.1243, 0.4123, 0.3438



44.1986, 0.3736, 0.3830



10.8592, 0.3286, 0.3321



8.3653, 0.6272, 0.3402



0.4721, 0.5951, 0.3657

Inverse Universe

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



46.3495, 0.2634, 0.3164



76.7638, 0.2538, 0.3132



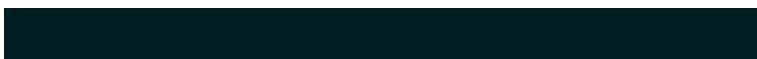
33.5571, 0.2571, 0.2681



11.8191, 0.2984, 0.3259



21.8867, 0.2131, 0.2871



1.1045, 0.2157, 0.2966

Previews

White Background



This preview shows how the Yxy color 32.9951, 0.3878, 0.3411 looks on a white background.

Color Contrast Check

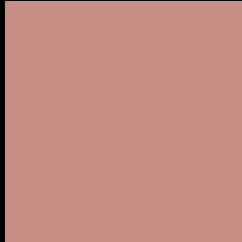
Large Text (above 18pt) WCAG AA × Fail

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 32.9951, 0.3878, 0.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

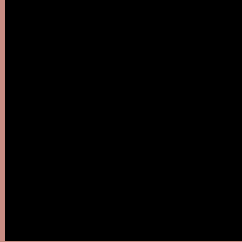
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.9951, 0.3878, 0.3411

Background



This preview shows how black text looks on a background with the Yxy color 32.9951, 0.3878, 0.3411.



This preview shows how white text looks on a background with the Yxy color 32.9951, 0.3878, 0.3411.

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

32.9951, 0.3878, 0.3411

Protanopia

32.9882, 0.3349, 0.3531

Deuteranopia

33.1277, 0.3645, 0.3577



Tritanopia

32.9034, 0.3719, 0.3148

Trichromacy



Original Color

32.9951, 0.3878, 0.3411

Protanomaly

32.8204, 0.3540, 0.3493

Deuteranomaly

33.0709, 0.3722, 0.3514

Tritanomaly

32.8659, 0.3773, 0.3239

Monochromacy



Original Color

32.9951, 0.3878, 0.3411

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.5106, 0.3371, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9951, 0.3878, 0.3411 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, 141, 132)` looks like.

```
.text, #text, p{  
    color:rgb(200, 141, 132)  
}
```

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, 141, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 141, 132) }
```

Border

The CSS property to change the border of an element to Yxy 32.9951, 0.3878, 0.3411 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, 141, 132) }
```

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

```
.border{ border-color:rgb(200, 141, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 141, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 141, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 141, 132);  
box-shadow:4px 4px 4px 4px rgb(200, 141,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9951, 0.3878, 0.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 141, 132) }
```

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

```
.background{ background-color: rgb(200,  
141, 132) }
```

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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