

Converting Colors

$Yxy(42.5331, 0.3480, 0.3373)$

Have a look what the booklet for
Yxy(42.5331, 0.3480, 0.3373)
contains.

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Color

Yxy(42.7206, 0.3481, 0.3381)

Conversions

Conversions Part 1

Format	Color
Hex	C7A8A1
RGB	199, 168, 161
RGB Percent	78%, 66%, 63%
CMY	0.2197, 0.3411, 0.3686
CMYK	0.00, 0.16, 0.19, 0.22
HSL	11°, 25%, 71%
HSV	11°, 19%, 78%
XYZ	43.9841, 42.7206, 39.6502
YIQ	176.4710, 20.7230, 4.3950

Conversions

Conversions Part 2

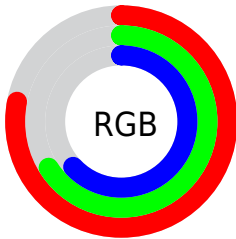
Format	Color
R _Y B	199, 170, 161
Decimal	13084833
CIE Lab	71.36, 10.17, 7.81
CIE LCh	71, 12.822, 37.516
Yxy	42.7206, 0.3481, 0.3381
Android (android.graphics.Color)	4291274913 (0xFFC7A8A1)
YUV	176.4710, -7.6272, 19.7579
Hunter-Lab	65.3610, 5.7384, 9.7854

Details

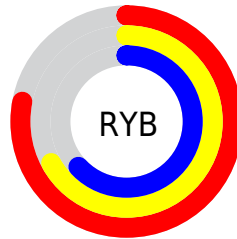
The Yxy color **42.7206, 0.3481, 0.3381** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.3864, 0.2839, 0.3197**, and the grayscale version is **43.7074, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.9932, 0.3405, 0.3361**, and **19.6363, 0.3586, 0.3396** is the 20% darker color. If you saturate the color by 10%, you get **36.4525, 0.3725, 0.3432**, and if you desaturate by 10%, it is **49.8519, 0.3279, 0.3332**.

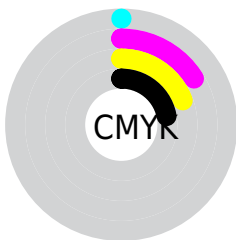
Distribution



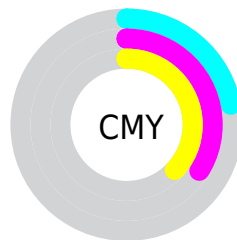
- Red (78%)
- Green (66%)
- Blue (63%)



- Red (78%)
- Yellow (67%)
- Blue (63%)



- Cyan (0%)
- Magenta (16%)
- Yellow (19%)
- Black (22%)




- Cyan (22%)
- Magenta (34%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.7206, 0.3481, 0.3381 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 42.7206, 0.3481, 0.3381 by changing the saturation by 10% instead.


 42.7206, 0.3481,
0.3381

 42.7206, 0.3481,
0.3381


357.4615, 0.3300,
0.3337

 29.6660, 0.3527,
0.3391


 79.2891, 0.3414,
0.3366

 19.5852, 0.3588,
0.3404


 103.5717, 0.3390,
0.3360

 12.0939, 0.3669,
0.3421


132.3657, 0.3369,
0.3355

 6.8076, 0.3785,
0.3442


166.0556, 0.3351,
0.3350

 3.3421, 0.3964,
0.3471

205.0257, 0.3336,
0.3346

 1.3128, 0.4280,
0.3514

249.6605, 0.3322,

 0.1511, 0.7217,

0.3343

0.2783

300.3443, 0.3311,
0.3340

0.0000, 0.0000,
0.0000

42.7206, 0.3481,
0.3381

42.7206, 0.3481,
0.3381

36.4525, 0.3725,
0.3432

49.8519, 0.3279,
0.3332

31.0092, 0.4016,
0.3483

57.8717, 0.3113,
0.3286

26.3577, 0.4359,
0.3530

66.8111, 0.2976,
0.3244

22.4609, 0.4748,
0.3565

76.6982, 0.2862,
0.3205

19.2783, 0.5165,
0.3582

87.2007, 0.2795,
0.3228

■ 16.7657, 0.5576,
0.3570

■ 90.8785, 0.2800,
0.3289

■ 14.8737, 0.5931,
0.3525

■ 13.5416, 0.6190,
0.3456

■ 13.4435, 0.6211,
0.3450

Harmonies

Analogous

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



42.7206, 0.3384, 0.3223



42.7206, 0.3481, 0.3381



42.7206, 0.3480, 0.3522

Triad

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



42.7206, 0.3481, 0.3381



42.7206, 0.3031, 0.3509



42.7206, 0.2874, 0.2984

Complementary

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



42.7206, 0.3481, 0.3381



49.3864, 0.2839, 0.3197

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.



42.7206, 0.2786, 0.3048



42.7206, 0.3481, 0.3381



42.7206, 0.2874, 0.3352

Square

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



42.7206, 0.3481, 0.3381



42.7206, 0.3216, 0.3603



42.7206, 0.2786, 0.3182



42.7206, 0.3031, 0.2998

Rectangle

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



42.7206, 0.3481, 0.3381



42.7206, 0.3423, 0.3586



42.7206, 0.2786, 0.3182



42.7206, 0.2836, 0.2997

Sweetspot

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



42.7225, 0.3481, 0.3381



91.3493, 0.3226, 0.3318



41.4383, 0.3210, 0.2904



19.3585, 0.3238, 0.3321



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.



42.7225, 0.3481, 0.3381



69.9696, 0.3579, 0.3403



50.2322, 0.3438, 0.3617



10.9482, 0.3285, 0.3333



8.7417, 0.6191, 0.3466



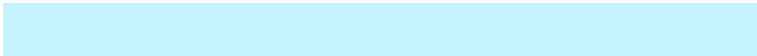
0.5127, 0.5804, 0.3773

Inverse Universe

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



49.3864, 0.2839, 0.3197



83.8124, 0.2776, 0.3174



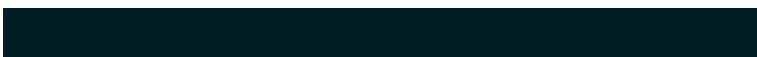
41.5999, 0.2824, 0.2940



11.7219, 0.2984, 0.3246



19.4517, 0.2082, 0.2695



1.0099, 0.2120, 0.2832

Previews

White Background



This preview shows how the Yxy color 42.7206, 0.3481, 0.3381 looks on a white background.

Color Contrast Check

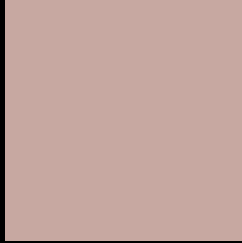
Large Text (above 18pt) WCAG AA × Fail

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 42.7206, 0.3481, 0.3381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

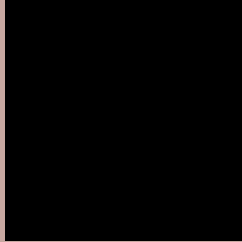
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.7206, 0.3481, 0.3381

Background



This preview shows how black text looks on a background with the Yxy color 42.7206, 0.3481, 0.3381.



This preview shows how white text looks on a background with the Yxy color 42.7206, 0.3481, 0.3381.

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

42.7206, 0.3481, 0.3381

Protanopia

42.7762, 0.3274, 0.3425

Deuteranopia

42.8195, 0.3460, 0.3394



Tritanopia

42.5421, 0.3350, 0.3127

Trichromacy



Original Color

42.7206, 0.3481, 0.3381

Protanomaly

42.8408, 0.3351, 0.3410

Deuteranomaly

42.9549, 0.3469, 0.3394

Tritanomaly

42.5304, 0.3394, 0.3215

Monochromacy



Original Color

42.7206, 0.3481, 0.3381

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.0178, 0.3243, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7206, 0.3481, 0.3381 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(199, 168, 161)` looks like.

```
.text, #text, p{  
    color:rgb(199, 168, 161)  
}
```

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(199, 168, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 168, 161) }
```

Border

The CSS property to change the border of an element to Yxy 42.7206, 0.3481, 0.3381 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(199, 168, 161) }
```

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

```
.border{ border-color:rgb(199, 168, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 168, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 168, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 168, 161);  
box-shadow:4px 4px 4px 4px rgb(199, 168,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7206, 0.3481, 0.3381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 168, 161) }
```

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

```
.background{ background-color: rgb(199,  
168, 161) }
```

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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