

Converting Colors

$Yxy(46.7039, 0.3437, 0.3402)$

Have a look what the booklet for
Yxy(46.7039, 0.3437, 0.3402)
contains.

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Color

Yxy(46.9679, 0.3436, 0.3404)

Conversions

Conversions Part 1

Format	Color
Hex	CBB1A8
RGB	203, 177, 168
RGB Percent	80%, 69%, 66%
CMY	0.2041, 0.3058, 0.3413
CMYK	0.00, 0.13, 0.17, 0.20
HSL	16°, 25%, 73%
HSV	16°, 17%, 80%
XYZ	47.4094, 46.9679, 43.6012
YIQ	183.7480, 18.3850, 2.7130

Conversions

Conversions Part 2

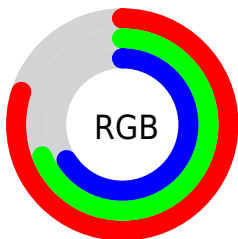
Format	Color
R _Y B	203, 180, 168
Decimal	13349288
CIE Lab	74.17, 7.87, 8.05
CIE LCh	74, 11.258, 45.636
Yxy	46.9679, 0.3436, 0.3404
Android (android.graphics.Color)	4291539368 (0xFFCBB1A8)
YUV	183.7480, -7.7638, 16.8840
Hunter-Lab	68.5331, 3.5487, 10.2525

Details

The Yxy color **46.9679, 0.3436, 0.3404** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.1811, 0.2864, 0.3173**, and the grayscale version is **47.8209, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.8655, 0.3343, 0.3390**, and **22.0658, 0.3533, 0.3426** is the 20% darker color. If you saturate the color by 10%, you get **40.6494, 0.3663, 0.3475**, and if you desaturate by 10%, it is **54.0645, 0.3245, 0.3336**.

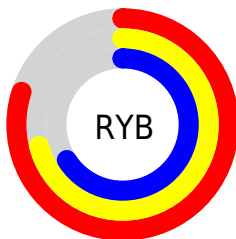
Distribution



Red (80%)

Green (69%)

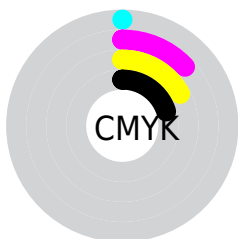
Blue (66%)



Red (80%)

Yellow (71%)

Blue (66%)

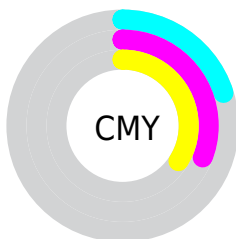


Cyan (0%)

Magenta (13%)

Yellow (17%)

Black (20%)



Cyan (20%)


Magenta (31%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.9679, 0.3436, 0.3404 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 46.9679, 0.3436, 0.3404 by changing the saturation by 10% instead.


 46.9679, 0.3436,
0.3404

 46.9679, 0.3436,
0.3404


374.6864, 0.3281,
0.3349

 33.0103, 0.3475,
0.3417


 85.6657, 0.3379,
0.3384

 22.1343, 0.3525,
0.3434


 111.1747, 0.3358,
0.3377

 13.9556, 0.3592,
0.3455


141.3029, 0.3340,
0.3371

 8.0898, 0.3686,
0.3484

176.4347, 0.3325,
0.3365

 4.1525, 0.3827,
0.3524

216.9546, 0.3312,
0.3360

 1.7592, 0.4062,
0.3583

263.2469, 0.3300,

 0.4616, 0.5775,

0.3356

0.4225

315.6960, 0.3290,
0.3352

0.0000, 0.0000,
0.0000

46.9679, 0.3436,
0.3404

46.9679, 0.3436,
0.3404

40.6494, 0.3663,
0.3475

54.0645, 0.3245,
0.3336

35.0760, 0.3933,
0.3547

61.9582, 0.3086,
0.3273

30.2216, 0.4246,
0.3614

70.6752, 0.2953,
0.3215

26.0563, 0.4601,
0.3670

80.2387, 0.2841,
0.3162

22.5476, 0.4985,
0.3704

89.7041, 0.2819,
0.3261

■ 19.6608, 0.5371,
0.3705

■ 91.4314, 0.2821,
0.3289

■ 17.3572, 0.5723,
0.3666

■ 15.5920, 0.6001,
0.3586

■ 15.1885, 0.6069,
0.3563

Harmonies

Analogous

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



46.9679, 0.3375, 0.3270



46.9679, 0.3436, 0.3404



46.9679, 0.3412, 0.3513

Triad

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



46.9679, 0.3436, 0.3404



46.9679, 0.3005, 0.3444



46.9679, 0.2943, 0.3025

Complementary

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



46.9679, 0.3436, 0.3404



51.1811, 0.2864, 0.3173

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.



46.9679, 0.2849, 0.3063



46.9679, 0.3436, 0.3404



46.9679, 0.2884, 0.3304

Square

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



46.9679, 0.3436, 0.3404



46.9679, 0.3161, 0.3541



46.9679, 0.2828, 0.3164



46.9679, 0.3088, 0.3055

Rectangle

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



46.9679, 0.3436, 0.3404



46.9679, 0.3351, 0.3556



46.9679, 0.2828, 0.3164



46.9679, 0.2905, 0.3030

Sweetspot

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



46.9700, 0.3436, 0.3404



93.3211, 0.3208, 0.3322



44.5933, 0.3221, 0.2969



19.7796, 0.3220, 0.3327



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.



46.9700, 0.3436, 0.3404



74.2471, 0.3523, 0.3432



54.1982, 0.3401, 0.3612



11.6772, 0.3284, 0.3351



9.7961, 0.6045, 0.3582



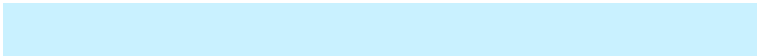
0.6314, 0.5650, 0.3896

Inverse Universe

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



51.1811, 0.2864, 0.3173



82.7051, 0.2803, 0.3143



43.9679, 0.2853, 0.2945



12.2171, 0.2983, 0.3229



16.8878, 0.2010, 0.2437



0.9894, 0.2062, 0.2623

Previews

White Background



This preview shows how the Yxy color 46.9679, 0.3436, 0.3404 looks on a white background.

Color Contrast Check

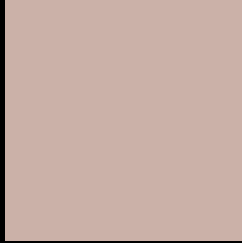
Large Text (above 18pt) WCAG AA × Fail

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 46.9679, 0.3436, 0.3404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

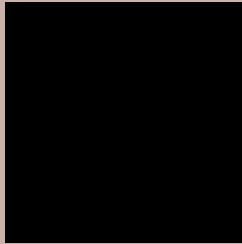
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.9679, 0.3436, 0.3404

Background



This preview shows how black text looks on a background with the Yxy color 46.9679, 0.3436, 0.3404.



This preview shows how white text looks on a background with the Yxy color 46.9679, 0.3436, 0.3404.

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

46.9679, 0.3436, 0.3404

Protanopia

47.2150, 0.3276, 0.3433

Deuteranopia

46.8570, 0.3457, 0.3391



Tritanopia

46.8821, 0.3286, 0.3119

Trichromacy



Original Color

46.9679, 0.3436, 0.3404

Protanomaly

47.0141, 0.3332, 0.3418

Deuteranomaly

46.7152, 0.3447, 0.3391

Tritanomaly

46.8335, 0.3336, 0.3217

Monochromacy



Original Color

46.9679, 0.3436, 0.3404

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.3385, 0.3238, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.9679, 0.3436, 0.3404 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(203, 177, 168)` looks like.

```
.text, #text, p{  
    color:rgb(203, 177, 168)  
}
```

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(203, 177, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 177, 168) }
```

Border

The CSS property to change the border of an element to Yxy 46.9679, 0.3436, 0.3404 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(203, 177, 168) }
```

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

```
.border{ border-color:rgb(203, 177, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 177, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 177, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 177, 168);  
box-shadow:4px 4px 4px 4px rgb(203, 177,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 46.9679, 0.3436, 0.3404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 177, 168) }
```

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

```
.background{ background-color: rgb(203,  
177, 168) }
```

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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