

Converting Colors

$Y_{xy}(47.3320, 0.3433, 0.3351)$

Have a look what the booklet for
Yxy(47.3320, 0.3433, 0.3351)
contains.

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Color

Yxy(47.1510, 0.3431, 0.3340)

Conversions

Conversions Part 1

Format	Color
Hex	CEB0AC
RGB	206, 176, 172
RGB Percent	81%, 69%, 67%
CMY	0.1920, 0.3099, 0.3254
CMYK	0.00, 0.15, 0.17, 0.19
HSL	7°, 26%, 74%
HSV	7°, 17%, 81%
XYZ	48.4357, 47.1510, 45.5840
YIQ	184.5140, 19.1640, 5.1160

Conversions

Conversions Part 2

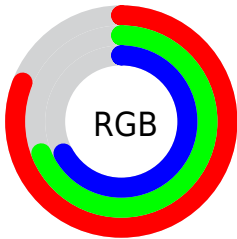
Format	Color
R _Y B	206, 177, 172
Decimal	13545644
CIE Lab	74.29, 10.21, 6.05
CIE LCh	74, 11.866, 30.649
Yxy	47.1510, 0.3431, 0.3340
Android (android.graphics.Color)	4291735724 (0xFFCEB0AC)
YUV	184.5140, -6.1694, 18.8432
Hunter-Lab	68.6666, 5.7428, 8.7072

Details

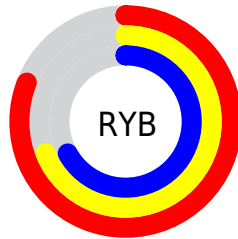
The Yxy color $47.1510, 0.3431, 0.3340$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $55.5058, 0.2877, 0.3239$, and the grayscale version is $48.2625, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.5193, 0.3318, 0.3340$, and $22.1013, 0.3513, 0.3341$ is the 20% darker color. If you saturate the color by 10%, you get $39.7577, 0.3671, 0.3373$, and if you desaturate by 10%, it is $55.6280, 0.3235, 0.3309$.

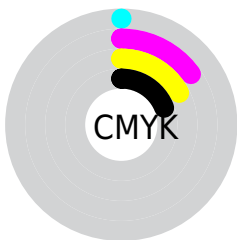
Distribution



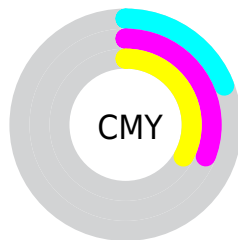
- Red (81%)
- Green (69%)
- Blue (67%)



- Red (81%)
- Yellow (69%)
- Blue (67%)



- Cyan (0%)
- Magenta (15%)
- Yellow (17%)
- Black (19%)





- Cyan (19%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1510, 0.3431, 0.3340 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 47.1510, 0.3431, 0.3340 by changing the saturation by 10% instead.


 47.1510, 0.3431,
0.3340

 47.1510, 0.3431,
0.3340


375.4169, 0.3278,
0.3317

 33.1550, 0.3469,
0.3345


 85.9390, 0.3375,
0.3332

 22.2452, 0.3519,
0.3352


111.4998, 0.3355,
0.3329

 14.0372, 0.3585,
0.3360


141.6843, 0.3337,
0.3326

 8.1466, 0.3677,
0.3370

176.8770, 0.3322,
0.3324

 4.1889, 0.3816,
0.3382

217.4622, 0.3309,
0.3322

 1.7798, 0.4047,
0.3397

263.8243, 0.3297,

 0.4745, 0.5520,

0.3320

0.3741

316.3478, 0.3287,
0.3318

0.0000, 0.0000,
0.0000

47.1510, 0.3431,
0.3340

47.1510, 0.3431,
0.3340

39.7577, 0.3671,
0.3373

55.6280, 0.3235,
0.3309

33.3982, 0.3963,
0.3406

65.2234, 0.3075,
0.3280

28.0285, 0.4312,
0.3436

75.9780, 0.2945,
0.3254

23.5985, 0.4716,
0.3460

87.9288, 0.2837,
0.3230

20.0539, 0.5156,
0.3471

91.8684, 0.2838,
0.3289

■ 17.3349, 0.5595,
0.3464

■ 15.3742, 0.5976,
0.3434

■ 14.0929, 0.6241,
0.3385

■ 13.7841, 0.6310,
0.3372

Harmonies

Analogous

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



47.1510, 0.3327, 0.3199



47.1510, 0.3431, 0.3340



47.1510, 0.3451, 0.3473

Triad

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



47.1510, 0.3431, 0.3340



47.1510, 0.3078, 0.3511



47.1510, 0.2876, 0.3022

Complementary

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



47.1510, 0.3431, 0.3340



55.5058, 0.2877, 0.3239

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.



47.1510, 0.2813, 0.3097



47.1510, 0.3431, 0.3340



47.1510, 0.2928, 0.3381

Square

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



47.1510, 0.3431, 0.3340



47.1510, 0.3244, 0.3578



47.1510, 0.2833, 0.3227



47.1510, 0.3005, 0.3019

Rectangle

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



47.1510, 0.3431, 0.3340



47.1510, 0.3414, 0.3539



47.1510, 0.2833, 0.3227



47.1510, 0.2846, 0.3040

Sweetspot

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



47.1531, 0.3431, 0.3340



92.2301, 0.3210, 0.3305



46.9064, 0.3179, 0.2930



19.5154, 0.3222, 0.3307



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.



47.1531, 0.3431, 0.3340



71.6905, 0.3515, 0.3352



54.2476, 0.3398, 0.3546



11.4211, 0.3287, 0.3318



8.5578, 0.6294, 0.3385



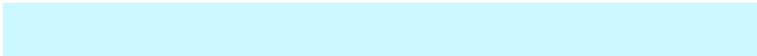
0.5138, 0.6015, 0.3606

Inverse Universe

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



55.5058, 0.2877, 0.3239



87.8367, 0.2823, 0.3227



47.9534, 0.2868, 0.3021



12.4947, 0.2983, 0.3262



23.4243, 0.2145, 0.2921



1.2733, 0.2167, 0.2999

Previews

White Background



This preview shows how the Yxy color 47.1510, 0.3431, 0.3340 looks on a white background.

Color Contrast Check

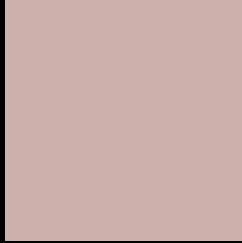
Large Text (above 18pt) WCAG AA × Fail

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 47.1510, 0.3431, 0.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

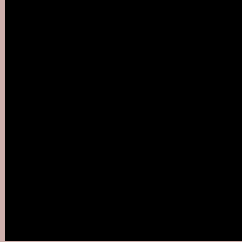
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.1510, 0.3431, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 47.1510, 0.3431, 0.3340.



This preview shows how white text looks on a background with the Yxy color 47.1510, 0.3431, 0.3340.

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

47.1510, 0.3431, 0.3340

Protanopia

47.2424, 0.3235, 0.3381

Deuteranopia

47.4020, 0.3420, 0.3353



Tritanopia

47.2699, 0.3322, 0.3133

Trichromacy



Original Color

47.1510, 0.3431, 0.3340

Protanomaly

47.3006, 0.3307, 0.3367

Deuteranomaly

47.4020, 0.3420, 0.3353

Tritanomaly

47.3027, 0.3354, 0.3205

Monochromacy



Original Color

47.1510, 0.3431, 0.3340

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.0886, 0.3238, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1510, 0.3431, 0.3340 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(206, 176, 172)` looks like.

```
.text, #text, p{  
    color:rgb(206, 176, 172)  
}
```

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(206, 176, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 176, 172) }
```

Border

The CSS property to change the border of an element to Yxy 47.1510, 0.3431, 0.3340 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(206, 176, 172) }
```

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

```
.border{ border-color:rgb(206, 176, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 176, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 176, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 176, 172); box-shadow:4px 4px 4px 4px rgb(206, 176, 172) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1510, 0.3431, 0.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 176, 172) }
```

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

```
.background{ background-color: rgb(206,  
176, 172) }
```

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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