

Converting Colors

$Yxy(47.7896, 0.3500, 0.3414)$

Have a look what the booklet for
Yxy(47.7896, 0.3500, 0.3414)
contains.

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Color

Yxy(47.7896, 0.3500, 0.3414)

Conversions

Conversions Part 1

Format	Color
Hex	D1B1A7
RGB	209, 177, 167
RGB Percent	82%, 69%, 65%
CMY	0.1803, 0.3059, 0.3451
CMYK	0.00, 0.15, 0.20, 0.18
HSL	14°, 31%, 74%
HSV	14°, 20%, 82%
XYZ	48.9934, 47.7896, 43.1982
YIQ	185.4280, 22.2820, 3.6740

Conversions

Conversions Part 2

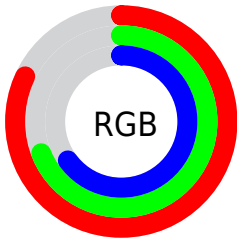
Format	Color
R _Y B	209, 180, 167
Decimal	13742503
CIE Lab	74.69, 9.99, 9.41
CIE LCh	75, 13.719, 43.285
Yxy	47.7896, 0.3500, 0.3414
Android (android.graphics.Color)	4291932583 (0xFFD1B1A7)
YUV	185.4280, -9.0850, 20.6726
Hunter-Lab	69.1300, 5.5280, 11.3417

Details

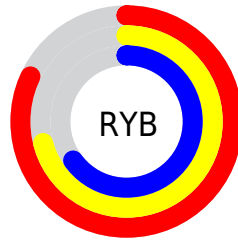
The Yxy color **47.7896, 0.3500, 0.3414** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.6678, 0.2821, 0.3162**, and the grayscale version is **48.8103, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.8118, 0.3350, 0.3400**, and **22.5231, 0.3609, 0.3440** is the 20% darker color. If you saturate the color by 10%, you get **41.1524, 0.3742, 0.3480**, and if you desaturate by 10%, it is **55.2901, 0.3297, 0.3350**.

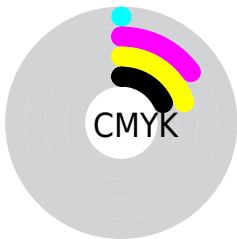
Distribution



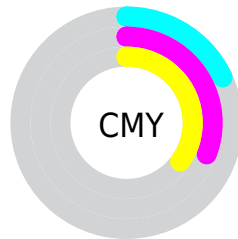
- Red (82%)
- Green (69%)
- Blue (65%)



- Red (82%)
- Yellow (71%)
- Blue (65%)



- Cyan (0%)
- Magenta (15%)
- Yellow (20%)
- Black (18%)





- Cyan (18%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.7896, 0.3500, 0.3414 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 47.7896, 0.3500, 0.3414 by changing the saturation by 10% instead.


 47.7896, 0.3500,
0.3414

 47.7896, 0.3500,
0.3414


377.9575, 0.3313,
0.3355

 33.6603, 0.3547,
0.3428


 86.8911, 0.3432,
0.3393

 22.6328, 0.3607,
0.3445


 112.6320, 0.3406,
0.3385

 14.3226, 0.3687,
0.3467


143.0123, 0.3385,
0.3378

 8.3454, 0.3799,
0.3496

178.4163, 0.3366,
0.3372

 4.3167, 0.3967,
0.3535

219.2284, 0.3350,
0.3367

 1.8523, 0.4241,
0.3587

265.8331, 0.3336,

 0.5194, 0.5867,

0.3363

0.4133

318.6147, 0.3324,
0.3359

0.0000, 0.0000,
0.0000

47.7896, 0.3500,
0.3414

47.7896, 0.3500,
0.3414

41.1524, 0.3742,
0.3480

55.2901, 0.3297,
0.3350

35.3409, 0.4029,
0.3546

63.6768, 0.3129,
0.3291

30.3241, 0.4362,
0.3605

72.9800, 0.2988,
0.3236

26.0669, 0.4736,
0.3651

83.2266, 0.2871,
0.3185

22.5310, 0.5134,
0.3673

92.2969, 0.2855,
0.3289

■ 19.6750, 0.5523,
0.3661

■ 17.4528, 0.5861,
0.3608

■ 15.8193, 0.6115,
0.3527

Harmonies

Analogous

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



47.7896, 0.3418, 0.3251



47.7896, 0.3500, 0.3414



47.7896, 0.3478, 0.3551

Triad

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



47.7896, 0.3500, 0.3414



47.7896, 0.2993, 0.3489



47.7896, 0.2893, 0.2971

Complementary

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



47.7896, 0.3500, 0.3414



53.6678, 0.2821, 0.3162

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.



47.7896, 0.2786, 0.3022



47.7896, 0.3500, 0.3414



47.7896, 0.2843, 0.3320

Square

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



47.7896, 0.3500, 0.3414



47.7896, 0.3182, 0.3601



47.7896, 0.2768, 0.3148



47.7896, 0.3064, 0.3001

Rectangle

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



47.7896, 0.3500, 0.3414



47.7896, 0.3408, 0.3608



47.7896, 0.2768, 0.3148



47.7896, 0.2848, 0.2979

Sweetspot

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



47.7918, 0.3500, 0.3414



91.8407, 0.3226, 0.3326



45.3257, 0.3233, 0.2905



19.4743, 0.3237, 0.3330



0.0000, 0.0000, 0.0000



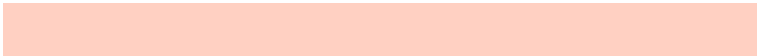
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.7918, 0.3500, 0.3414



70.4413, 0.3596, 0.3441



56.6467, 0.3452, 0.3661



12.2588, 0.3285, 0.3346



9.8810, 0.6091, 0.3546



0.6783, 0.5724, 0.3837

Inverse Universe

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



53.6678, 0.2821, 0.3162



81.2331, 0.2759, 0.3133



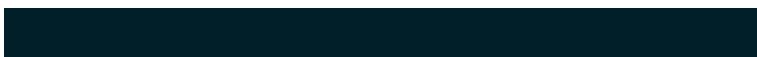
44.7391, 0.2804, 0.2890



12.9099, 0.2983, 0.3233



18.3333, 0.2030, 0.2507



1.1430, 0.2074, 0.2667

Previews

White Background



This preview shows how the Yxy color 47.7896, 0.3500, 0.3414 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 47.7896, 0.3500, 0.3414 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

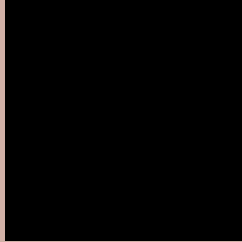
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.7896, 0.3500, 0.3414

Background



This preview shows how black text looks on a background with the Yxy color 47.7896, 0.3500, 0.3414.



This preview shows how white text looks on a background with the Yxy color 47.7896, 0.3500, 0.3414.

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

47.7896, 0.3500, 0.3414

Protanopia

47.7164, 0.3292, 0.3458

Deuteranopia

47.6442, 0.3491, 0.3414



Tritanopia

47.8570, 0.3358, 0.3135

Trichromacy



Original Color

47.7896, 0.3500, 0.3414

Protanomaly

47.7826, 0.3366, 0.3443

Deuteranomaly

47.6442, 0.3491, 0.3414

Tritanomaly

47.8041, 0.3408, 0.3230

Monochromacy



Original Color

47.7896, 0.3500, 0.3414

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.1396, 0.3263, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7896, 0.3500, 0.3414 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(209, 177, 167)` looks like.

```
.text, #text, p{  
    color:rgb(209, 177, 167)  
}
```

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(209, 177, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 177, 167) }
```

Border

The CSS property to change the border of an element to Yxy 47.7896, 0.3500, 0.3414 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(209, 177, 167) }
```

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

```
.border{ border-color:rgb(209, 177, 167) }
```

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

Here you see how a box with a 4 pixel rgb(209, 177, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 177, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 177, 167);  
box-shadow:4px 4px 4px 4px rgb(209, 177,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7896, 0.3500, 0.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 177, 167) }
```

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

```
.background{ background-color: rgb(209,  
177, 167) }
```

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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