

Converting Colors

$Y_{xy}(42.8921, 0.3816, 0.3411)$

Have a look what the booklet for
Yxy(42.8921, 0.3816, 0.3411)
contains.

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Color

Yxy(43.0963, 0.3812, 0.3412)

Conversions

Conversions Part 1

Format	Color
Hex	DDA197
RGB	221, 161, 151
RGB Percent	87%, 63%, 59%
CMY	0.1334, 0.3686, 0.4078
CMYK	0.00, 0.27, 0.32, 0.13
HSL	9°, 51%, 73%
HSV	9°, 32%, 87%
XYZ	48.1486, 43.0963, 35.0631
YIQ	177.8000, 38.9700, 9.6100

Conversions

Conversions Part 2

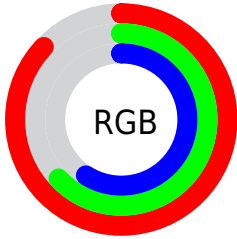
Format	Color
R _Y B	221, 163, 151
Decimal	14524823
CIE Lab	71.62, 20.91, 13.98
CIE LCh	72, 25.154, 33.773
Yxy	43.0963, 0.3812, 0.3412
Android (android.graphics.Color)	4292714903 (0xFFDDA197)
YUV	177.8000, -13.2124, 37.8864
Hunter-Lab	65.6478, 16.0352, 14.2861

Details

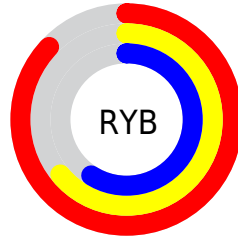
The Yxy color **43.0963, 0.3812, 0.3412** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.3871, 0.2661, 0.3163**, and the grayscale version is **44.4667, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7795, 0.3496, 0.3403**, and **19.7499, 0.4015, 0.3436** is the 20% darker color. If you saturate the color by 10%, you get **36.3192, 0.4129, 0.3451**, and if you desaturate by 10%, it is **51.0150, 0.3548, 0.3372**.

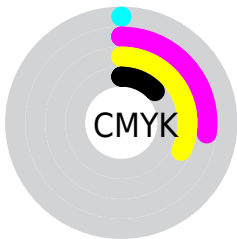
Distribution



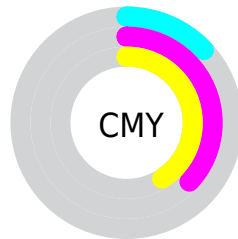
- Red (87%)
- Green (63%)
- Blue (59%)



- Red (87%)
- Yellow (64%)
- Blue (59%)



- Cyan (0%)
- Magenta (27%)
- Yellow (32%)
- Black (13%)



- Cyan (13%)
- Magenta (37%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0963, 0.3812, 0.3412 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 43.0963, 0.3812, 0.3412 by changing the saturation by 10% instead.


 43.0963, 0.3812,
0.3412


 43.0963, 0.3812,
0.3412


359.0077, 0.3462,
0.3359

 29.9607, 0.3902,
0.3422


 79.8562, 0.3683,
0.3395

 19.8087, 0.4018,
0.3434


 104.2492, 0.3635,
0.3388

 12.2561, 0.4174,
0.3446


133.1635, 0.3595,
0.3382

 6.9183, 0.4395,
0.3456

166.9834, 0.3560,
0.3376

 3.4111, 0.4727,
0.3456

206.0934, 0.3531,
0.3371

 1.3499, 0.5404,
0.3499

250.8779, 0.3505,

 0.1794, 0.7915,

0.3367

0.2085

301.7211, 0.3482,
0.3363

0.0000, 0.0000,
0.0000

43.0963, 0.3812,
0.3412

43.0963, 0.3812,
0.3412

36.3192, 0.4129,
0.3451

51.0150, 0.3548,
0.3372

30.6252, 0.4502,
0.3485

60.1183, 0.3331,
0.3333

25.9594, 0.4921,
0.3508

70.4544, 0.3153,
0.3296

22.2602, 0.5360,
0.3512

82.0670, 0.3008,
0.3262

19.4589, 0.5771,
0.3491

94.1110, 0.2923,
0.3289

■ 17.4775, 0.6098,
0.3443

■ 16.3810, 0.6282,
0.3394

Harmonies

Analogous

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



43.0963, 0.3596, 0.3119



43.0963, 0.3812, 0.3412



43.0963, 0.3830, 0.3694

Triad

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



43.0963, 0.3812, 0.3412



43.0963, 0.2975, 0.3765



43.0963, 0.2610, 0.2710

Complementary

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



43.0963, 0.3812, 0.3412



58.3871, 0.2661, 0.3163

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.



43.0963, 0.2467, 0.2839



43.0963, 0.3812, 0.3412



43.0963, 0.2668, 0.3450

Square

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



43.0963, 0.3812, 0.3412



43.0963, 0.3335, 0.3929



43.0963, 0.2487, 0.3104



43.0963, 0.2891, 0.2727

Rectangle

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



43.0963, 0.3812, 0.3412



43.0963, 0.3730, 0.3840



43.0963, 0.2487, 0.3104



43.0963, 0.2545, 0.2737

Sweetspot

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



43.0983, 0.3812, 0.3412



85.3038, 0.3300, 0.3327



42.2443, 0.3246, 0.2601



17.8466, 0.3328, 0.3332



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.



43.0983, 0.3812, 0.3412



53.2151, 0.4017, 0.3438



56.7854, 0.3688, 0.3808



13.3501, 0.3288, 0.3324



9.6154, 0.6263, 0.3409



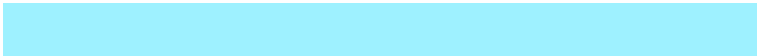
0.7209, 0.5995, 0.3622

Inverse Universe

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



58.3871, 0.2661, 0.3163



77.5034, 0.2574, 0.3133



43.1150, 0.2606, 0.2710



14.4959, 0.2982, 0.3256



24.4106, 0.2120, 0.2833



1.6701, 0.2143, 0.2915

Previews

White Background



This preview shows how the Yxy color 43.0963, 0.3812, 0.3412 looks on a white background.

Color Contrast Check

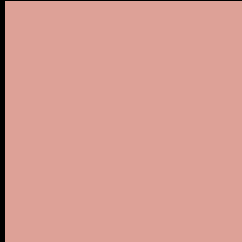
Large Text (above 18pt) WCAG AA × Fail

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 43.0963, 0.3812, 0.3412 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 43.0963, 0.3812, 0.3412

Background



This preview shows how black text looks on a background with the Yxy color 43.0963, 0.3812, 0.3412.



This preview shows how white text looks on a background with the Yxy color 43.0963, 0.3812, 0.3412.

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

43.0963, 0.3812, 0.3412

Protanopia

43.1958, 0.3343, 0.3519

Deuteranopia

43.1024, 0.3619, 0.3547



Tritanopia

43.0440, 0.3652, 0.3150

Trichromacy



Original Color

43.0963, 0.3812, 0.3412

Protanomaly

42.9863, 0.3512, 0.3486

Deuteranomaly

43.0298, 0.3687, 0.3492

Tritanomaly

42.9702, 0.3709, 0.3244

Monochromacy



Original Color

43.0963, 0.3812, 0.3412

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.8015, 0.3363, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0963, 0.3812, 0.3412 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(221, 161, 151)` looks like.

```
.text, #text, p{  
    color:rgb(221, 161, 151)  
}
```

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(221, 161, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 161, 151) }
```

Border

The CSS property to change the border of an element to Yxy 43.0963, 0.3812, 0.3412 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(221, 161, 151) }
```

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

```
.border{ border-color:rgb(221, 161, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 161, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 161, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 161, 151);  
box-shadow:4px 4px 4px 4px rgb(221, 161,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0963, 0.3812, 0.3412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 161, 151) }
```

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

```
.background{ background-color: rgb(221,  
161, 151) }
```

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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