

Converting Colors

$Yxy(48.8141, 0.3817, 0.3710)$

Have a look what the booklet for
Yxy(48.8141, 0.3817, 0.3710)
contains.

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Color

Yxy(49.0094, 0.3820, 0.3721)

Conversions

Conversions Part 1

Format	Color
Hex	DCB28E
RGB	220, 178, 142
RGB Percent	86%, 70%, 56%
CMY	0.1373, 0.3019, 0.4432
CMYK	0.00, 0.19, 0.35, 0.14
HSL	28°, 53%, 71%
HSV	28°, 35%, 86%
XYZ	50.3133, 49.0094, 32.3876
YIQ	186.4540, 36.5880, -2.2920

Conversions

Conversions Part 2

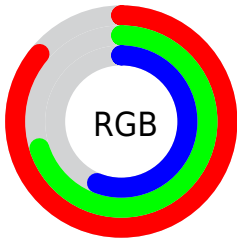
Format	Color
R _Y B	220, 209, 142
Decimal	14463630
CIE Lab	75.46, 10.26, 24.18
CIE LCh	75, 26.264, 67.013
Yxy	49.0094, 0.3820, 0.3721
Android (android.graphics.Color)	4292653710 (0xFFDCB28E)
YUV	186.4540, -21.9158, 29.4198
Hunter-Lab	70.0067, 5.7749, 21.5751

Details

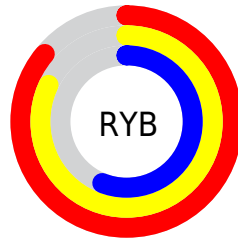
The Yxy color **49.0094, 0.3820, 0.3721** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.1735, 0.2565, 0.2812**, and the grayscale version is **49.4804, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.0912, 0.3522, 0.3673**, and **23.3151, 0.4025, 0.3825** is the 20% darker color. If you saturate the color by 10%, you get **43.9059, 0.4076, 0.3843**, and if you desaturate by 10%, it is **54.6543, 0.3591, 0.3595**.

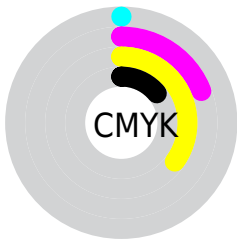
Distribution



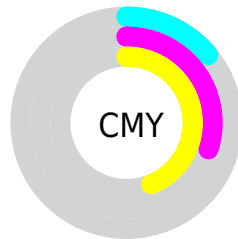
- Red (86%)
- Green (70%)
- Blue (56%)



- Red (86%)
- Yellow (82%)
- Blue (56%)



- Cyan (0%)
- Magenta (19%)
- Yellow (35%)
- Black (14%)



- Cyan (14%)
- Magenta (30%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.0094, 0.3820, 0.3721 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 49.0094, 0.3820, 0.3721 by changing the saturation by 10% instead.


 49.0094, 0.3820,
0.3721


 49.0094, 0.3820,
0.3721


382.7793, 0.3476,
0.3516

 34.6269, 0.3904,
0.3768


 88.7054, 0.3696,
0.3650

 23.3756, 0.4012,
0.3826


 114.7878, 0.3649,
0.3622

 14.8711, 0.4152,
0.3897


145.5388, 0.3609,
0.3598

 8.7290, 0.4341,
0.3988

181.3431, 0.3575,
0.3577

 4.5648, 0.4607,
0.4100

222.5848, 0.3545,
0.3559

 1.9943, 0.5212,
0.4406

269.6485, 0.3519,

 0.6041, 0.5772,

0.3543

0.4228

322.9186, 0.3496,
0.3529

0.0000, 0.0000,
0.0000

49.0094, 0.3820,
0.3721

49.0094, 0.3820,
0.3721

43.9059, 0.4076,
0.3843

54.6543, 0.3591,
0.3595

39.3190, 0.4354,
0.3952

60.8507, 0.3389,
0.3471

35.2318, 0.4647,
0.4036

67.6169, 0.3213,
0.3352

31.6237, 0.4939,
0.4083

74.9682, 0.3061,
0.3240

28.4719, 0.5210,
0.4081

82.9194, 0.2929,
0.3137

■ 25.7504, 0.5442,
0.4024

■ 90.2023, 0.2915,
0.3229

■ 24.6434, 0.5536,
0.3986

■ 93.9536, 0.2917,
0.3289

Harmonies

Analogous

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



49.0094, 0.3824, 0.3444



49.0094, 0.3820, 0.3721



49.0094, 0.3622, 0.3905

Triad

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



49.0094, 0.3820, 0.3721



49.0094, 0.2641, 0.3412



49.0094, 0.2928, 0.2737

Complementary

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



49.0094, 0.3820, 0.3721



45.1735, 0.2565, 0.2812

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.



49.0094, 0.2634, 0.2705



49.0094, 0.3820, 0.3721



49.0094, 0.2477, 0.3070

Square

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



49.0094, 0.3820, 0.3721



49.0094, 0.2938, 0.3737



49.0094, 0.2475, 0.2818



49.0094, 0.3292, 0.2897

Rectangle

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



49.0094, 0.3820, 0.3721



49.0094, 0.3413, 0.3938



49.0094, 0.2475, 0.2818



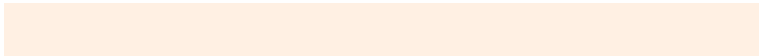
49.0094, 0.2818, 0.2711

Sweetspot

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



49.0117, 0.3820, 0.3721



89.0695, 0.3309, 0.3418



38.0490, 0.3508, 0.2785



18.7910, 0.3334, 0.3434



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.



49.0117, 0.3820, 0.3721



62.7975, 0.4020, 0.3818



66.3216, 0.3673, 0.4131



14.0379, 0.3280, 0.3398



14.6828, 0.5511, 0.4006



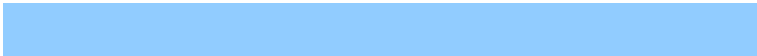
1.1224, 0.5242, 0.4220

Inverse Universe

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



45.1735, 0.2565, 0.2812



56.6213, 0.2440, 0.2685



31.4335, 0.2492, 0.2282



13.7718, 0.2982, 0.3179



10.9130, 0.1810, 0.1714



0.8788, 0.1887, 0.1992

Previews

White Background



This preview shows how the Yxy color 49.0094, 0.3820, 0.3721 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 49.0094, 0.3820, 0.3721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

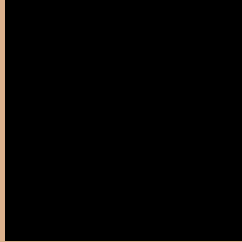
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.0094, 0.3820, 0.3721

Background



This preview shows how black text looks on a background with the Yxy color 49.0094, 0.3820, 0.3721.



This preview shows how white text looks on a background with the Yxy color 49.0094, 0.3820, 0.3721.

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

49.0094, 0.3820, 0.3721

Protanopia

49.1989, 0.3555, 0.3799

Deuteranopia

49.2533, 0.3807, 0.3734



Tritanopia

49.0154, 0.3496, 0.3141

Trichromacy



Original Color

49.0094, 0.3820, 0.3721

Protanomaly

49.0331, 0.3646, 0.3764

Deuteranomaly

49.2533, 0.3807, 0.3734

Tritanomaly

48.8247, 0.3618, 0.3350

Monochromacy



Original Color

49.0094, 0.3820, 0.3721

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.7750, 0.3363, 0.3454

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0094, 0.3820, 0.3721 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(220, 178, 142)` looks like.

```
.text, #text, p{  
    color:rgb(220, 178, 142)  
}
```

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(220, 178, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 178, 142) }
```

Border

The CSS property to change the border of an element to Yxy 49.0094, 0.3820, 0.3721 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(220, 178, 142) }
```

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

```
.border{ border-color:rgb(220, 178, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 178, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 178, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 178, 142);  
box-shadow:4px 4px 4px 4px rgb(220, 178,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0094, 0.3820, 0.3721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 178, 142) }
```

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

```
.background{ background-color: rgb(220,  
178, 142) }
```

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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