

Converting Colors

$Yxy(49.7455, 0.3781, 0.3691)$

Have a look what the booklet for
Yxy(49.7455, 0.3781, 0.3691)
contains.

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Color

Yxy(49.5312, 0.3781, 0.3685)

Conversions

Conversions Part 1

Format	Color
Hex	DCB392
RGB	220, 179, 146
RGB Percent	86%, 70%, 57%
CMY	0.1372, 0.2980, 0.4276
CMYK	0.00, 0.19, 0.34, 0.14
HSL	27°, 51%, 72%
HSV	27°, 34%, 86%
XYZ	50.8216, 49.5312, 34.0603
YIQ	187.4970, 35.0290, -1.5710

Conversions

Conversions Part 2

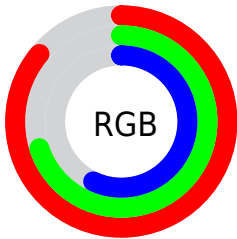
Format	Color
R _Y B	220, 206, 146
Decimal	14463890
CIE Lab	75.78, 10.22, 22.48
CIE LCh	76, 24.690, 65.548
Yxy	49.5312, 0.3781, 0.3685
Android (android.graphics.Color)	4292653970 (0xFFDCB392)
YUV	187.4970, -20.4580, 28.5051
Hunter-Lab	70.3784, 5.7360, 20.5710

Details

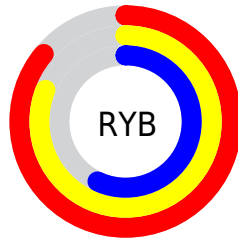
The Yxy color $49.5312, 0.3781, 0.3685$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $46.7972, 0.2596, 0.2857$, and the grayscale version is $50.0924, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.8468, 0.3493, 0.3642$, and $23.6404, 0.3970, 0.3779$ is the 20% darker color. If you saturate the color by 10%, you get $44.2443, 0.4036, 0.3804$, and if you desaturate by 10%, it is $55.3858, 0.3554, 0.3563$.

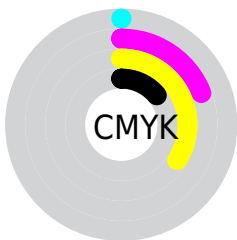
Distribution



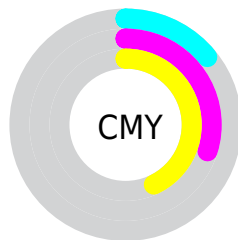
- Red (86%)
- Green (70%)
- Blue (57%)



- Red (86%)
- Yellow (81%)
- Blue (57%)



- Cyan (0%)
- Magenta (19%)
- Yellow (34%)
- Black (14%)





- Cyan (14%)
- Magenta (30%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.5312, 0.3781, 0.3685 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 49.5312, 0.3781, 0.3685 by changing the saturation by 10% instead.


 49.5312, 0.3781,
0.3685

 49.5312, 0.3781,
0.3685


384.8298, 0.3456,
0.3498

 35.0410, 0.3861,
0.3728


 89.4799, 0.3664,
0.3619

 23.6945, 0.3962,
0.3781


 115.7072, 0.3620,
0.3594

 15.1072, 0.4095,
0.3848


146.6157, 0.3582,
0.3572

 8.8946, 0.4274,
0.3932

182.5898, 0.3550,
0.3553

 4.6725, 0.4530,
0.4038

224.0139, 0.3522,
0.3537

 2.0564, 0.5040,
0.4273

271.2723, 0.3497,

 0.6399, 0.5727,

0.3522

0.4273

324.7495, 0.3475,
0.3509

0.0000, 0.0000,
0.0000

49.5312, 0.3781,
0.3685

49.5312, 0.3781,
0.3685

44.2443, 0.4036,
0.3804

55.3858, 0.3554,
0.3563

39.4995, 0.4316,
0.3912

61.8189, 0.3356,
0.3444

35.2792, 0.4613,
0.3999

68.8495, 0.3184,
0.3330

31.5620, 0.4914,
0.4050

76.4938, 0.3035,
0.3223

28.3242, 0.5199,
0.4054

84.7049, 0.2913,
0.3135

■ 25.5395, 0.5446,
0.4004

■ 92.1158, 0.2916,
0.3260

■ 23.9872, 0.5582,
0.3950

■ 93.9559, 0.2917,
0.3289

Harmonies

Analogous

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



49.5312, 0.3775, 0.3423



49.5312, 0.3781, 0.3685



49.5312, 0.3604, 0.3862

Triad

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



49.5312, 0.3781, 0.3685



49.5312, 0.2683, 0.3421



49.5312, 0.2925, 0.2765

Complementary

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



49.5312, 0.3781, 0.3685



46.7972, 0.2596, 0.2857

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.



49.5312, 0.2654, 0.2742



49.5312, 0.3781, 0.3685



49.5312, 0.2520, 0.3100

Square

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



49.5312, 0.3781, 0.3685



49.5312, 0.2966, 0.3719



49.5312, 0.2510, 0.2857



49.5312, 0.3265, 0.2911

Rectangle

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



49.5312, 0.3781, 0.3685



49.5312, 0.3412, 0.3896



49.5312, 0.2510, 0.2857



49.5312, 0.2823, 0.2743

Sweetspot

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



49.5335, 0.3781, 0.3685



89.7854, 0.3292, 0.3402



39.3895, 0.3470, 0.2797



18.9253, 0.3317, 0.3419



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.



49.5335, 0.3781, 0.3685



64.1885, 0.3948, 0.3765



65.9244, 0.3649, 0.4076



14.0035, 0.3280, 0.3395



14.2927, 0.5556, 0.3970



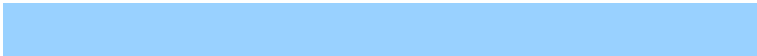
1.0962, 0.5279, 0.4190

Inverse Universe

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



46.7972, 0.2596, 0.2857



59.8267, 0.2491, 0.2754



33.3756, 0.2532, 0.2359



13.8066, 0.2982, 0.3183



11.3998, 0.1825, 0.1768



0.9096, 0.1900, 0.2038

Previews

White Background



This preview shows how the Yxy color 49.5312, 0.3781, 0.3685 looks on a white background.

Color Contrast Check

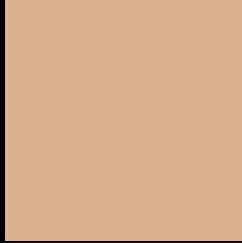
Large Text (above 18pt) WCAG AA × Fail

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 49.5312, 0.3781, 0.3685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

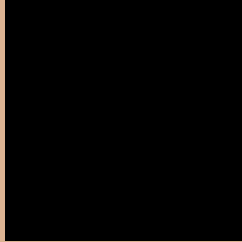
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.5312, 0.3781, 0.3685

Background



This preview shows how black text looks on a background with the Yxy color 49.5312, 0.3781, 0.3685.



This preview shows how white text looks on a background with the Yxy color 49.5312, 0.3781, 0.3685.

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

49.5312, 0.3781, 0.3685

Protanopia

49.8848, 0.3528, 0.3758

Deuteranopia

49.3756, 0.3771, 0.3686



Tritanopia

49.3223, 0.3467, 0.3129

Trichromacy



Original Color

49.5312, 0.3781, 0.3685

Protanomaly

49.7163, 0.3618, 0.3724

Deuteranomaly

49.3756, 0.3771, 0.3686

Tritanomaly

49.3265, 0.3588, 0.3327

Monochromacy



Original Color

49.5312, 0.3781, 0.3685

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.4017, 0.3353, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5312, 0.3781, 0.3685 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, 179, 146)` looks like.

```
.text, #text, p{  
  color:rgb(220, 179, 146)  
}
```

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, 179, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 179, 146) }
```

Border

The CSS property to change the border of an element to Yxy 49.5312, 0.3781, 0.3685 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, 179, 146) }
```

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

```
.border{ border-color:rgb(220, 179, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 179, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 179, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 179, 146);  
box-shadow:4px 4px 4px 4px rgb(220, 179,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5312, 0.3781, 0.3685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 179, 146) }
```

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

```
.background{ background-color: rgb(220,  
179, 146) }
```

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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