

Converting Colors

$Yxy(49.3693, 0.3571, 0.3499)$

Have a look what the booklet for
Yxy(49.3693, 0.3571, 0.3499)
contains.

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Color

Yxy(49.4330, 0.3564, 0.3497)

Conversions

Conversions Part 1

Format	Color
Hex	D5B4A3
RGB	213, 180, 163
RGB Percent	84%, 71%, 64%
CMY	0.1646, 0.2941, 0.3607
CMYK	0.00, 0.16, 0.23, 0.16
HSL	20°, 37%, 74%
HSV	20°, 23%, 84%
XYZ	50.3801, 49.4330, 41.5452
YIQ	187.9290, 25.1250, 1.7090

Conversions

Conversions Part 2

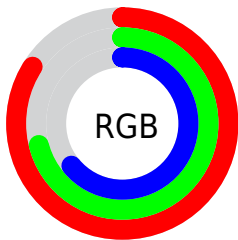
Format	Color
R _Y B	213, 189, 163
Decimal	14005411
CIE Lab	75.72, 9.30, 13.08
CIE LCh	76, 16.048, 54.572
Yxy	49.4330, 0.3564, 0.3497
Android (android.graphics.Color)	4292195491 (0xFFD5B4A3)
YUV	187.9290, -12.2900, 21.9873
Hunter-Lab	70.3086, 4.8653, 14.1817

Details

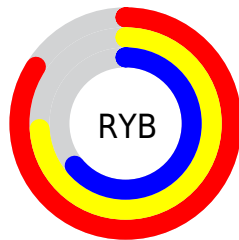
The Yxy color **49.4330, 0.3564, 0.3497** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.0990, 0.2765, 0.3073**, and the grayscale version is **50.3106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.3129, 0.3372, 0.3470**, and **23.5955, 0.3696, 0.3551** is the 20% darker color. If you saturate the color by 10%, you get **43.3385, 0.3806, 0.3591**, and if you desaturate by 10%, it is **56.2375, 0.3357, 0.3406**.

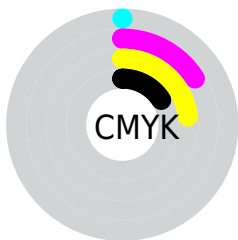
Distribution



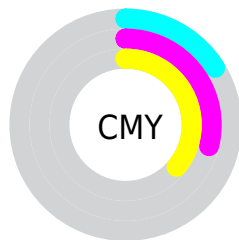
- Red (84%)
- Green (71%)
- Blue (64%)



- Red (84%)
- Yellow (74%)
- Blue (64%)



- Cyan (0%)
- Magenta (16%)
- Yellow (23%)
- Black (16%)





- Cyan (16%)
- Magenta (29%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.4330, 0.3564, 0.3497 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 49.4330, 0.3564, 0.3497 by changing the saturation by 10% instead.


 49.4330, 0.3564,
0.3497

 49.4330, 0.3564,
0.3497


384.4445, 0.3346,
0.3398

 34.9631, 0.3618,
0.3520


 89.3342, 0.3485,
0.3462

 23.6344, 0.3687,
0.3549


 115.5343, 0.3455,
0.3449

 15.0627, 0.3779,
0.3586


146.4132, 0.3430,
0.3437

 8.8634, 0.3906,
0.3635

182.3554, 0.3409,
0.3427

 4.6522, 0.4092,
0.3701

223.7452, 0.3390,
0.3419

 2.0447, 0.4390,
0.3791

270.9671, 0.3374,

 0.6332, 0.5669,

0.3411

324.4054, 0.3359,
0.3404

0.4331

0.0000, 0.0000,
0.0000

49.4330, 0.3564,
0.3497

49.4330, 0.3564,
0.3497

43.3385, 0.3806,
0.3591

56.2375, 0.3357,
0.3406

37.9238, 0.4084,
0.3682

63.7677, 0.3182,
0.3319

33.1660, 0.4399,
0.3764

72.0471, 0.3033,
0.3238

29.0387, 0.4741,
0.3826

81.0963, 0.2907,
0.3164

25.5132, 0.5094,
0.3855

89.9630, 0.2875,
0.3242

■ 22.5583, 0.5431,
0.3841

■ 92.8904, 0.2877,
0.3289

■ 20.1391, 0.5720,
0.3776

■ 18.8245, 0.5878,
0.3715

Harmonies

Analogous

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



49.4330, 0.3513, 0.3315



49.4330, 0.3564, 0.3497



49.4330, 0.3493, 0.3633

Triad

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



49.4330, 0.3564, 0.3497



49.4330, 0.2898, 0.3451



49.4330, 0.2924, 0.2925

Complementary

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



49.4330, 0.3564, 0.3497



52.0990, 0.2765, 0.3073

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.



49.4330, 0.2769, 0.2947



49.4330, 0.3564, 0.3497



49.4330, 0.2755, 0.3245

Square

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



49.4330, 0.3564, 0.3497



49.4330, 0.3105, 0.3614



49.4330, 0.2709, 0.3061



49.4330, 0.3137, 0.2994

Rectangle

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



49.4330, 0.3564, 0.3497



49.4330, 0.3388, 0.3676



49.4330, 0.2709, 0.3061



49.4330, 0.2863, 0.2922

Sweetspot

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



49.4353, 0.3564, 0.3497



91.6092, 0.3242, 0.3349



44.3538, 0.3299, 0.2894



19.4589, 0.3252, 0.3355



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.



49.4353, 0.3564, 0.3497



69.7346, 0.3676, 0.3542



60.3118, 0.3500, 0.3782



13.1029, 0.3283, 0.3370



11.6660, 0.5852, 0.3736



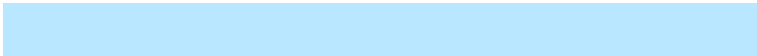
0.8548, 0.5515, 0.4003

Inverse Universe

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



52.0990, 0.2765, 0.3073



74.3821, 0.2691, 0.3023



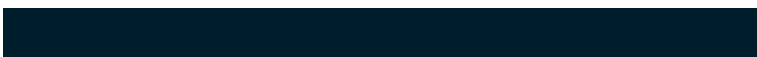
41.8542, 0.2739, 0.2745



13.3649, 0.2982, 0.3209



14.7141, 0.1930, 0.2147



1.0380, 0.1991, 0.2367

Previews

White Background



This preview shows how the Yxy color 49.4330, 0.3564, 0.3497 looks on a white background.

Color Contrast Check

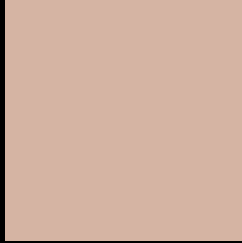
Large Text (above 18pt) WCAG AA × Fail

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 49.4330, 0.3564, 0.3497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

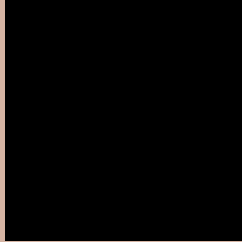
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.4330, 0.3564, 0.3497

Background



This preview shows how black text looks on a background with the Yxy color 49.4330, 0.3564, 0.3497.



This preview shows how white text looks on a background with the Yxy color 49.4330, 0.3564, 0.3497.

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

49.4330, 0.3564, 0.3497

Protanopia

49.4731, 0.3364, 0.3545

Deuteranopia

49.4330, 0.3564, 0.3497



Tritanopia

49.3673, 0.3364, 0.3126

Trichromacy



Original Color

49.4330, 0.3564, 0.3497

Protanomaly

49.5541, 0.3438, 0.3528

Deuteranomaly

49.4330, 0.3564, 0.3497

Tritanomaly

49.1866, 0.3440, 0.3255

Monochromacy



Original Color

49.4330, 0.3564, 0.3497

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.8229, 0.3277, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.4330, 0.3564, 0.3497 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(213, 180, 163)` looks like.

```
.text, #text, p{  
    color:rgb(213, 180, 163)  
}
```

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(213, 180, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 180, 163) }
```

Border

The CSS property to change the border of an element to Yxy 49.4330, 0.3564, 0.3497 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(213, 180, 163) }
```

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

```
.border{ border-color:rgb(213, 180, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 180, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 180, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 180, 163);  
box-shadow:4px 4px 4px 4px rgb(213, 180,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 49.4330, 0.3564, 0.3497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 180, 163) }
```

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

```
.background{ background-color: rgb(213,  
180, 163) }
```

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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