

Converting Colors

Yxy(49.9931, 0.3683, 0.3679)

Have a look what the booklet for
Yxy(49.9931, 0.3683, 0.3679)
contains.

Yxy(49.9540, 0.3680, 0.3679)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(49.9540, 0.3680, 0.3679)

Conversions

Conversions Part 1

Format	Color
Hex	D6B696
RGB	214, 182, 150
RGB Percent	84%, 71%, 59%
CMY	0.1607, 0.2863, 0.4118
CMYK	0.00, 0.15, 0.30, 0.16
HSL	30°, 44%, 71%
HSV	30°, 30%, 84%
XYZ	49.9676, 49.9540, 35.8599
YIQ	187.9200, 29.3440, -3.1680

Conversions

Conversions Part 2

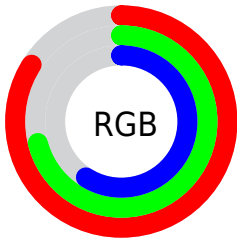
Format	Color
R _Y B	214, 214, 150
Decimal	14071446
CIE Lab	76.04, 6.81, 20.57
CIE LCh	76, 21.673, 71.682
Yxy	49.9540, 0.3680, 0.3679
Android (android.graphics.Color)	4292261526 (0xFFD6B696)
YUV	187.9200, -18.6946, 22.8722
Hunter-Lab	70.6781, 2.5080, 19.3928

Details

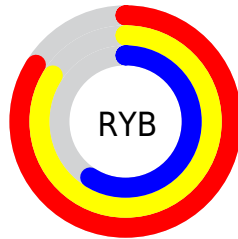
The Yxy color $49.9540, 0.3680, 0.3679$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $44.8000, 0.2651, 0.2866$, and the grayscale version is $50.3390, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.7687, 0.3461, 0.3631$, and $23.8705, 0.3829, 0.3776$ is the 20% darker color. If you saturate the color by 10%, you get $45.1110, 0.3913, 0.3813$, and if you desaturate by 10%, it is $55.2626, 0.3471, 0.3544$.

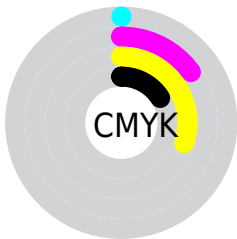
Distribution



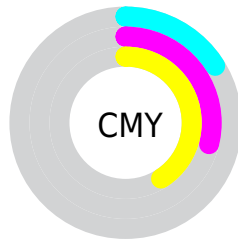
- Red (84%)
- Green (71%)
- Blue (59%)



- Red (84%)
- Yellow (84%)
- Blue (59%)



- Cyan (0%)
- Magenta (15%)
- Yellow (30%)
- Black (16%)




- Cyan (16%)
- Magenta (29%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.9540, 0.3680, 0.3679 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 49.9540, 0.3680, 0.3679 by changing the saturation by 10% instead.


 49.9540, 0.3680,
0.3679


 49.9540, 0.3680,
0.3679


386.4860, 0.3406,
0.3492

 35.3768, 0.3747,
0.3723


 90.1067, 0.3581,
0.3613

 23.9533, 0.3833,
0.3778


 116.4511, 0.3544,
0.3587

 15.2990, 0.3944,
0.3848


147.4866, 0.3512,
0.3566

 9.0295, 0.4096,
0.3940

183.5978, 0.3485,
0.3547

 4.7604, 0.4313,
0.4062

225.1689, 0.3461,
0.3530

 2.1074, 0.4707,
0.4286

272.5844, 0.3441,

 0.6688, 0.5453,

0.3516

0.4547

326.2286, 0.3422,
0.3503

0.0000, 0.0000,
0.0000

49.9540, 0.3680,
0.3679

49.9540, 0.3680,
0.3679

45.1110, 0.3913,
0.3813

55.2626, 0.3471,
0.3544

40.7124, 0.4168,
0.3940

61.0435, 0.3287,
0.3413

36.7452, 0.4439,
0.4048

67.3118, 0.3126,
0.3289

33.1932, 0.4716,
0.4126

74.0798, 0.2985,
0.3173

30.0384, 0.4981,
0.4162

81.2298, 0.2874,
0.3087

■ 27.2608, 0.5219,
0.4144

■ 87.5619, 0.2879,
0.3199

■ 24.8312, 0.5420,
0.4078

■ 93.0386, 0.2883,
0.3289

■ 24.8117, 0.5422,
0.4077

Harmonies

Analogous

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



49.9540, 0.3708, 0.3460



49.9540, 0.3680, 0.3679



49.9540, 0.3499, 0.3807

Triad

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



49.9540, 0.3680, 0.3679



49.9540, 0.2698, 0.3347



49.9540, 0.3010, 0.2845

Complementary

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



49.9540, 0.3680, 0.3679



44.8000, 0.2651, 0.2866

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.



49.9540, 0.2752, 0.2802



49.9540, 0.3680, 0.3679



49.9540, 0.2579, 0.3075

Square

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



49.9540, 0.3680, 0.3679



49.9540, 0.2930, 0.3617



49.9540, 0.2599, 0.2880



49.9540, 0.3311, 0.2993

Rectangle

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



49.9540, 0.3680, 0.3679



49.9540, 0.3321, 0.3813



49.9540, 0.2599, 0.2880



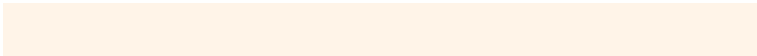
49.9540, 0.2915, 0.2818

Sweetspot

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



49.9563, 0.3680, 0.3679



91.5037, 0.3273, 0.3403



39.5316, 0.3452, 0.2892



19.3037, 0.3298, 0.3421



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.



49.9563, 0.3680, 0.3679



69.5575, 0.3828, 0.3766



64.0635, 0.3580, 0.4022



13.4362, 0.3279, 0.3407



15.2028, 0.5399, 0.4095



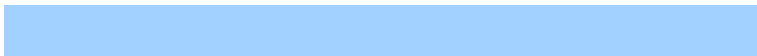
1.0825, 0.5136, 0.4304

Inverse Universe

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



44.8000, 0.2651, 0.2866



60.6817, 0.2546, 0.2757



33.4926, 0.2603, 0.2436



13.0245, 0.2982, 0.3170



9.5011, 0.1774, 0.1588



0.7386, 0.1861, 0.1901

Previews

White Background



This preview shows how the Yxy color 49.9540, 0.3680, 0.3679 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 49.9540, 0.3680, 0.3679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

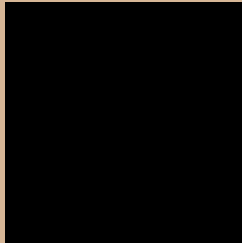
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.9540, 0.3680, 0.3679

Background



This preview shows how black text looks on a background with the Yxy color 49.9540, 0.3680, 0.3679.



This preview shows how white text looks on a background with the Yxy color 49.9540, 0.3680, 0.3679.

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

49.9540, 0.3680, 0.3679

Protanopia

49.9498, 0.3512, 0.3733

Deuteranopia

49.9046, 0.3733, 0.3650



Tritanopia

49.8284, 0.3391, 0.3127

Trichromacy



Original Color

49.9540, 0.3680, 0.3679

Protanomaly

49.7697, 0.3571, 0.3715

Deuteranomaly

50.0015, 0.3711, 0.3664

Tritanomaly

49.6876, 0.3500, 0.3327

Monochromacy



Original Color

49.9540, 0.3680, 0.3679

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.0441, 0.3316, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.9540, 0.3680, 0.3679 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(214, 182, 150)` looks like.

```
.text, #text, p{  
    color:rgb(214, 182, 150)  
}
```

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(214, 182, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 182, 150) }
```

Border

The CSS property to change the border of an element to Yxy 49.9540, 0.3680, 0.3679 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(214, 182, 150) }
```

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

```
.border{ border-color:rgb(214, 182, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 182, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 182, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 182, 150);  
box-shadow:4px 4px 4px 4px rgb(214, 182,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 49.9540, 0.3680, 0.3679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 182, 150) }
```

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

```
.background{ background-color: rgb(214,  
182, 150) }
```

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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