

Converting Colors

$Yxy(49.4919, 0.3673, 0.3660)$

Have a look what the booklet for
Yxy(49.4919, 0.3673, 0.3660)
contains.

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Color

Yxy(49.5783, 0.3675, 0.3655)

Conversions

Conversions Part 1

Format	Color
Hex	D6B597
RGB	214, 181, 151
RGB Percent	84%, 71%, 59%
CMY	0.1606, 0.2902, 0.4079
CMYK	0.00, 0.15, 0.29, 0.16
HSL	29°, 43%, 72%
HSV	29°, 29%, 84%
XYZ	49.8496, 49.5783, 36.2173
YIQ	187.4470, 29.2980, -2.3340

Conversions

Conversions Part 2

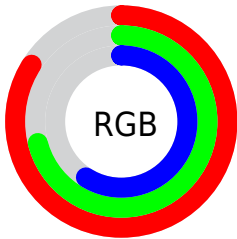
Format	Color
R_{YB}	214, 208, 151
Decimal	14071191
CIE _{Lab}	75.81, 7.49, 19.72
CIE _{LCh}	76, 21.093, 69.199
Yxy	49.5783, 0.3675, 0.3655
Android (android.graphics.Color)	4292261271 (0xFFD6B597)
YUV	187.4470, -17.9684, 23.2870
Hunter-Lab	70.4119, 3.1522, 18.7917

Details

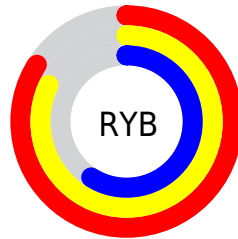
The Yxy color $49.5783, 0.3675, 0.3655$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $45.7348, 0.2661, 0.2894$, and the grayscale version is $50.0538, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.2362, 0.3456, 0.3611$, and $23.6275, 0.3823, 0.3745$ is the 20% darker color. If you saturate the color by 10%, you get $44.5667, 0.3912, 0.3783$, and if you desaturate by 10%, it is $55.0883, 0.3465, 0.3526$.

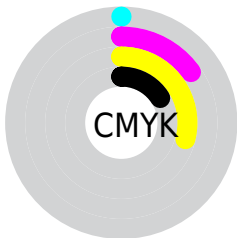
Distribution



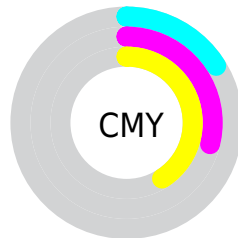
- Red (84%)
- Green (71%)
- Blue (59%)



- Red (84%)
- Yellow (82%)
- Blue (59%)



- Cyan (0%)
- Magenta (15%)
- Yellow (29%)
- Black (16%)




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

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.5783, 0.3675, 0.3655 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 49.5783, 0.3675, 0.3655 by changing the saturation by 10% instead.


 49.5783, 0.3675,
0.3655


 49.5783, 0.3675,
0.3655


385.0145, 0.3403,
0.3479

 35.0784, 0.3742,
0.3696


 89.5498, 0.3577,
0.3593

 23.7233, 0.3827,
0.3748


 115.7901, 0.3540,
0.3569

 15.1285, 0.3939,
0.3813


146.7128, 0.3508,
0.3549

 8.9096, 0.4092,
0.3899

182.7022, 0.3481,
0.3531

 4.6823, 0.4311,
0.4014

224.1427, 0.3458,
0.3516

 2.0621, 0.4703,
0.4218

271.4186, 0.3437,

 0.6432, 0.5525,

0.3502

0.4475

324.9144, 0.3419,
0.3490

0.0000, 0.0000,
0.0000

49.5783, 0.3675,
0.3655

49.5783, 0.3675,
0.3655

44.5667, 0.3912,
0.3783

55.0883, 0.3465,
0.3526

40.0310, 0.4173,
0.3905

61.1043, 0.3280,
0.3402

35.9573, 0.4452,
0.4008

67.6427, 0.3119,
0.3284

32.3278, 0.4740,
0.4083

74.7168, 0.2979,
0.3174

29.1234, 0.5019,
0.4115

82.1438, 0.2875,
0.3103

■ 26.3228, 0.5270,
0.4095

■ 88.8490, 0.2880,
0.3221

■ 23.8963, 0.5482,
0.4025

■ 93.0422, 0.2883,
0.3289

■ 23.7734, 0.5493,
0.4021

Harmonies

Analogous

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



49.5783, 0.3689, 0.3437



49.5783, 0.3675, 0.3655



49.5783, 0.3510, 0.3788

Triad

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



49.5783, 0.3675, 0.3655



49.5783, 0.2723, 0.3369



49.5783, 0.2989, 0.2847

Complementary

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



49.5783, 0.3675, 0.3655



45.7348, 0.2661, 0.2894

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.



49.5783, 0.2744, 0.2815



49.5783, 0.3675, 0.3655



49.5783, 0.2597, 0.3101

Square

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



49.5783, 0.3675, 0.3655



49.5783, 0.2958, 0.3627



49.5783, 0.2604, 0.2902



49.5783, 0.3282, 0.2985

Rectangle

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



49.5783, 0.3675, 0.3655



49.5783, 0.3340, 0.3803



49.5783, 0.2604, 0.2902



49.5783, 0.2899, 0.2824

Sweetspot

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



49.5806, 0.3675, 0.3655



91.1720, 0.3274, 0.3397



39.9203, 0.3436, 0.2886



19.2221, 0.3299, 0.3415



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.



49.5806, 0.3675, 0.3655



69.2205, 0.3811, 0.3731



63.5928, 0.3576, 0.3999



13.3857, 0.3279, 0.3401



14.5691, 0.5469, 0.4039



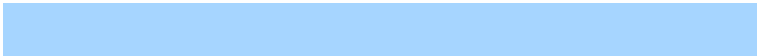
1.0439, 0.5192, 0.4260

Inverse Universe

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



45.7348, 0.2661, 0.2894



62.6551, 0.2566, 0.2800



34.2497, 0.2614, 0.2466



13.0752, 0.2982, 0.3176



10.1730, 0.1797, 0.1669



0.7789, 0.1881, 0.1970

Previews

White Background



This preview shows how the Yxy color 49.5783, 0.3675, 0.3655 looks on a white background.

Color Contrast Check

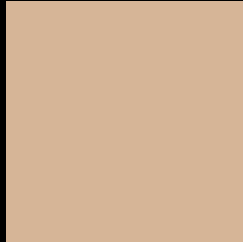
Large Text (above 18pt) WCAG AA × Fail

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 49.5783, 0.3675, 0.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

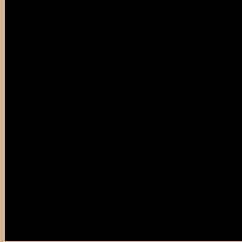
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.5783, 0.3675, 0.3655

Background



This preview shows how black text looks on a background with the Yxy color 49.5783, 0.3675, 0.3655.



This preview shows how white text looks on a background with the Yxy color 49.5783, 0.3675, 0.3655.

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

49.5783, 0.3675, 0.3655

Protanopia

49.8795, 0.3486, 0.3709

Deuteranopia

49.6286, 0.3705, 0.3640



Tritanopia

49.6302, 0.3391, 0.3138

Trichromacy



Original Color

49.5783, 0.3675, 0.3655

Protanomaly

49.8352, 0.3554, 0.3690

Deuteranomaly

49.4758, 0.3696, 0.3641

Tritanomaly

49.6876, 0.3500, 0.3327

Monochromacy



Original Color

49.5783, 0.3675, 0.3655

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.6242, 0.3318, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5783, 0.3675, 0.3655 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, 181, 151)` looks like.

```
.text, #text, p{  
    color:rgb(214, 181, 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(214, 181, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 181, 151) }
```

Border

The CSS property to change the border of an element to Yxy 49.5783, 0.3675, 0.3655 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, 181, 151) }
```

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

```
.border{ border-color:rgb(214, 181, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 181, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 181, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 181, 151);  
box-shadow:4px 4px 4px 4px rgb(214, 181,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5783, 0.3675, 0.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 181, 151) }
```

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

```
.background{ background-color: rgb(214,  
181, 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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