

Converting Colors

$Yxy(49.8306, 0.3681, 0.3731)$

Have a look what the booklet for
Yxy(49.8306, 0.3681, 0.3731)
contains.

Yxy(49.8224, 0.3675, 0.3731)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(49.8224, 0.3675, 0.3731)

Conversions

Conversions Part 1

Format	Color
Hex	D3B793
RGB	211, 183, 147
RGB Percent	83%, 72%, 58%
CMY	0.1724, 0.2824, 0.4235
CMYK	0.00, 0.13, 0.30, 0.17
HSL	34°, 42%, 70%
HSV	34°, 30%, 83%
XYZ	49.0746, 49.8224, 34.6393
YIQ	187.2680, 28.2440, -5.2600

Conversions

Conversions Part 2

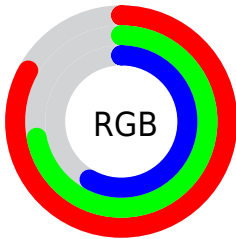
Format	Color
RYB	197, 211, 147
Decimal	13875091
CIELab	75.96, 4.74, 22.02
CIELCh	76, 22.525, 77.848
Yxy	49.8224, 0.3675, 0.3731
Android (android.graphics.Color)	4292065171 (0xFFD3B793)
YUV	187.2680, -19.8521, 20.8130
Hunter-Lab	70.5850, 0.5794, 20.3131

Details

The Yxy color $49.8224, 0.3675, 0.3731$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $41.5985, 0.2638, 0.2804$, and the grayscale version is $49.9597, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.2101, 0.3479, 0.3671$, and $23.8777, 0.3833, 0.3845$ is the 20% darker color. If you saturate the color by 10%, you get $45.5314, 0.3897, 0.3880$, and if you desaturate by 10%, it is $54.4903, 0.3473, 0.3581$.

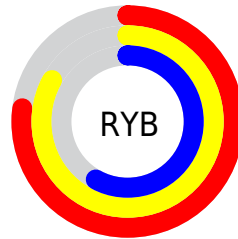
Distribution



Red (83%)

Green (72%)

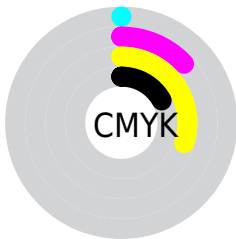
Blue (58%)



Red (77%)

Yellow (83%)

Blue (58%)

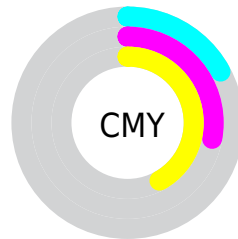


Cyan (0%)

Magenta (13%)

Yellow (30%)

Black (17%)



Cyan (17%)


Magenta (28%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.8224, 0.3675, 0.3731 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 49.8224, 0.3675, 0.3731 by changing the saturation by 10% instead.

 49.8224, 0.3675,
0.3731

 49.8224, 0.3675,
0.3731


385.9710, 0.3404,
0.3517

 35.2723, 0.3741,
0.3782

 89.9117, 0.3578,
0.3655

 23.8727, 0.3825,
0.3845


 116.2197, 0.3541,
0.3626

 15.2392, 0.3934,
0.3927


147.2157, 0.3509,
0.3601

 8.9875, 0.4082,
0.4033

183.2842, 0.3482,
0.3580

 4.7330, 0.4291,
0.4178

224.8096, 0.3459,
0.3561

 2.0915, 0.4705,
0.4473

272.1763, 0.3438,

 0.6598, 0.5296,

0.3545

0.4704

325.7686, 0.3420,
0.3530

0.0000, 0.0000,
0.0000

49.8224, 0.3675,
0.3731

49.8224, 0.3675,
0.3731

45.5314, 0.3897,
0.3880

54.4903, 0.3473,
0.3581

41.5988, 0.4135,
0.4021

59.5389, 0.3293,
0.3434

38.0149, 0.4383,
0.4142


64.9808, 0.3132,
0.3295

34.7664, 0.4630,
0.4232


70.8258, 0.2991,
0.3164

31.8388, 0.4864,
0.4279

77.0833, 0.2867,
0.3043

 29.2156, 0.5070,
0.4273

 82.5026, 0.2858,
0.3117

 26.9462, 0.5238,
0.4223

 88.0413, 0.2863,
0.3214

 92.5958, 0.2866,
0.3289

Harmonies

Analogous

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



49.8224, 0.3740, 0.3517



49.8224, 0.3675, 0.3731



49.8224, 0.3460, 0.3838

Triad

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



49.8224, 0.3675, 0.3731



49.8224, 0.2645, 0.3288



49.8224, 0.3068, 0.2852

Complementary

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



49.8224, 0.3675, 0.3731



41.5985, 0.2638, 0.2804

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.



49.8224, 0.2785, 0.2782



49.8224, 0.3675, 0.3731



49.8224, 0.2551, 0.3016

Square

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



49.8224, 0.3675, 0.3731



49.8224, 0.2865, 0.3578



49.8224, 0.2601, 0.2837



49.8224, 0.3380, 0.3024

Rectangle

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



49.8224, 0.3675, 0.3731



49.8224, 0.3266, 0.3822



49.8224, 0.2601, 0.2837



49.8224, 0.2966, 0.2816

Sweetspot

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



49.8247, 0.3675, 0.3731



92.3595, 0.3272, 0.3416



37.8556, 0.3501, 0.2937



19.5145, 0.3296, 0.3437



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.



49.8247, 0.3675, 0.3731



72.3968, 0.3807, 0.3822



62.1062, 0.3556, 0.4049



12.8943, 0.3277, 0.3421



16.4614, 0.5218, 0.4239



1.0770, 0.4980, 0.4428

Inverse Universe

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



41.5985, 0.2638, 0.2804



57.9415, 0.2536, 0.2689



32.0821, 0.2620, 0.2414



12.2579, 0.2982, 0.3156



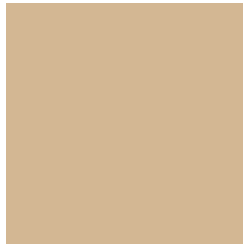
7.7025, 0.1720, 0.1390



0.5874, 0.1819, 0.1749

Previews

White Background



This preview shows how the Yxy color 49.8224, 0.3675, 0.3731 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 49.8224, 0.3675, 0.3731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

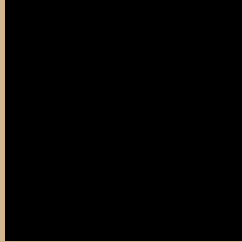
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.8224, 0.3675, 0.3731

Background



This preview shows how black text looks on a background with the Yxy color 49.8224, 0.3675, 0.3731.



This preview shows how white text looks on a background with the Yxy color 49.8224, 0.3675, 0.3731.

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

49.8224, 0.3675, 0.3731

Protanopia

49.8527, 0.3536, 0.3771

Deuteranopia

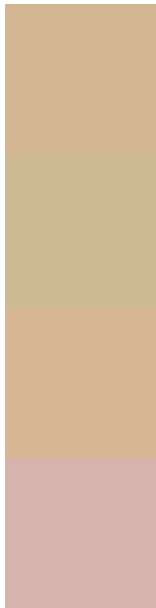
49.8407, 0.3750, 0.3674



Tritanopia

49.8048, 0.3354, 0.3126

Trichromacy



Original Color

49.8224, 0.3675, 0.3731

Protanomaly

49.9524, 0.3584, 0.3766

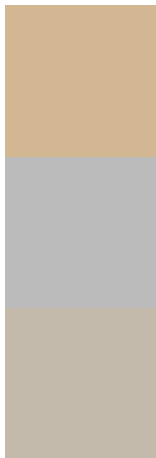
Deuteranomaly

49.7848, 0.3719, 0.3689

Tritanomaly

49.6315, 0.3471, 0.3339

Monochromacy



Original Color

49.8224, 0.3675, 0.3731

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.8321, 0.3324, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.8224, 0.3675, 0.3731 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(211, 183, 147)` looks like.

```
.text, #text, p{  
    color:rgb(211, 183, 147)  
}
```

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(211, 183, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 183, 147) }
```

Border

The CSS property to change the border of an element to Yxy 49.8224, 0.3675, 0.3731 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(211, 183, 147) }
```

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

```
.border{ border-color:rgb(211, 183, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 183, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 183, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 183, 147);  
box-shadow:4px 4px 4px 4px rgb(211, 183,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 49.8224, 0.3675, 0.3731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 183, 147) }
```

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

```
.background{ background-color: rgb(211,  
183, 147) }
```

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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