

Converting Colors

$Yxy(49.1360, 0.3999, 0.3962)$

Have a look what the booklet for
Yxy(49.1360, 0.3999, 0.3962)
contains.

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Color

Yxy(49.0175, 0.3997, 0.3961)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DDB37A |
| RGB | 221, 179, 122 |
| RGB Percent | 87%, 70%, 48% |
| CMY | 0.1331, 0.2981, 0.5215 |
| CMYK | 0.00, 0.19, 0.45, 0.13 |
| HSL | 35°, 59%, 67% |
| HSV | 35°, 45%, 87% |
| XYZ | 49.4630, 49.0175, 25.2698 |
| YIQ | 185.0600, 43.3290, -8.8230 |

Conversions

Conversions Part 2

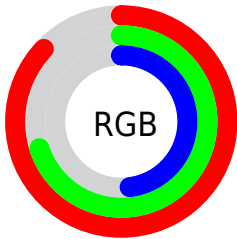
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 195, 221, 122 |
| Decimal | 14529402 |
| CIELab | 75.46, 7.94, 34.79 |
| CIELCh | 75, 35.682, 77.137 |
| Yxy | 49.0175, 0.3997, 0.3961 |
| Android (android.graphics.Color) | 4292719482 (0xFFDDB37A) |
| YUV | 185.0600, -31.0886, 31.5194 |
| Hunter-Lab | 70.0125, 3.5863, 27.6090 |

Details

The Yxy color **49.0175, 0.3997, 0.3961** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.9382, 0.2389, 0.2498**, and the grayscale version is **48.7127, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.7718, 0.3659, 0.3896**, and **23.2821, 0.4231, 0.4115** is the 20% darker color. If you saturate the color by 10%, you get **44.8971, 0.4237, 0.4097**, and if you desaturate by 10%, it is **53.5234, 0.3770, 0.3811**.

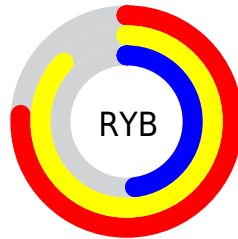
Distribution



Red (87%)

Green (70%)

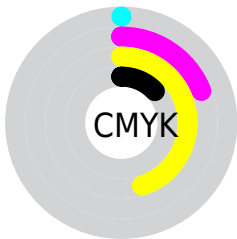
Blue (48%)



Red (76%)

Yellow (87%)

Blue (48%)

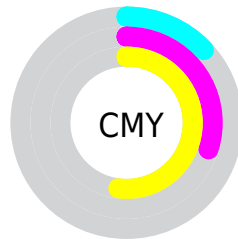


Cyan (0%)

Magenta (19%)

Yellow (45%)

Black (13%)



Cyan (13%)


Magenta (30%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.0175, 0.3997, 0.3961 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 49.0175, 0.3997, 0.3961 by changing the saturation by 10% instead.

 49.0175, 0.3997,
0.3961


 49.0175, 0.3997,
0.3961


382.8112, 0.3570,
0.3644


 34.6334, 0.4098,
0.4032


 88.7174, 0.3845,
0.3851

 23.3806, 0.4225,
0.4118

 114.8020, 0.3787,
0.3808

 14.8748, 0.4385,
0.4222


 145.5556, 0.3738,
0.3771

 8.7316, 0.4591,
0.4346

181.3625, 0.3695,
0.3739

 4.5665, 0.4873,
0.4500

222.6071, 0.3658,
0.3711

 1.9952, 0.5300,
0.4700

269.6738, 0.3625,

 0.6047, 0.5597,

0.3686

0.4403

322.9470, 0.3596,
0.3664

0.0000, 0.0000,
0.0000

49.0175, 0.3997,
0.3961

49.0175, 0.3997,
0.3961

44.8971, 0.4237,
0.4097

53.5234, 0.3770,
0.3811

41.1415, 0.4482,
0.4209

58.4205, 0.3560,
0.3657

37.7383, 0.4719,
0.4283

63.7231, 0.3371,
0.3504


34.6710, 0.4935,
0.4309

69.4423, 0.3201,
0.3358


31.9201, 0.5118,
0.4281


75.5889, 0.3052,
0.3219

 30.6017, 0.5202,
0.4251

 82.1732, 0.2920,
0.3091

 87.7244, 0.2920,
0.3185

 93.5405, 0.2923,
0.3280

 94.1196, 0.2923,
0.3289

Harmonies

Analogous

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



49.0175, 0.4106, 0.3611



49.0175, 0.3997, 0.3961



49.0175, 0.3651, 0.4165

Triad

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



49.0175, 0.3997, 0.3961



49.0175, 0.2379, 0.3283



49.0175, 0.3013, 0.2614

Complementary

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



49.0175, 0.3997, 0.3961



35.9382, 0.2389, 0.2498

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.



49.0175, 0.2580, 0.2508



49.0175, 0.3997, 0.3961



49.0175, 0.2237, 0.2848

Square

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



49.0175, 0.3997, 0.3961



49.0175, 0.2716, 0.3770



49.0175, 0.2308, 0.2581



49.0175, 0.3513, 0.2868

Rectangle

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



49.0175, 0.3997, 0.3961



49.0175, 0.3342, 0.4162



49.0175, 0.2308, 0.2581



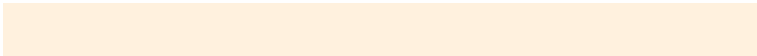
49.0175, 0.2855, 0.2560

Sweetspot

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



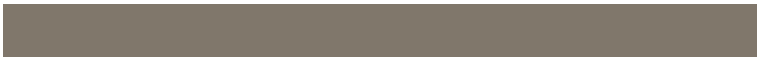
49.0198, 0.3997, 0.3961



89.3898, 0.3340, 0.3479



32.0154, 0.3788, 0.2783



18.7688, 0.3380, 0.3512



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.



49.0198, 0.3997, 0.3961



62.2655, 0.4228, 0.4093



67.5066, 0.3737, 0.4407



14.2892, 0.3277, 0.3424



17.9976, 0.5182, 0.4267



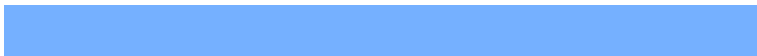
1.3354, 0.4978, 0.4430

Inverse Universe

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



35.9382, 0.2389, 0.2498



41.9878, 0.2230, 0.2289



23.7818, 0.2334, 0.1913



13.5218, 0.2982, 0.3152



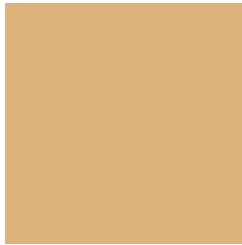
7.8827, 0.1707, 0.1345



0.6791, 0.1796, 0.1665

Previews

White Background



This preview shows how the Yxy color 49.0175, 0.3997, 0.3961 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 49.0175, 0.3997, 0.3961 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 49.0175, 0.3997, 0.3961

Background



This preview shows how black text looks on a background with the Yxy color 49.0175, 0.3997, 0.3961.



This preview shows how white text looks on a background with the Yxy color 49.0175, 0.3997, 0.3961.

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

49.0175, 0.3997, 0.3961

Protanopia

49.1550, 0.3762, 0.4054

Deuteranopia

49.0932, 0.4030, 0.3943



Tritanopia

48.9174, 0.3525, 0.3142

Trichromacy



Original Color

49.0175, 0.3997, 0.3961

Protanomaly

48.8775, 0.3849, 0.4014

Deuteranomaly

48.9339, 0.4020, 0.3945

Tritanomaly

48.8529, 0.3710, 0.3444

Monochromacy



Original Color

49.0175, 0.3997, 0.3961

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.4814, 0.3429, 0.3557

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0175, 0.3997, 0.3961 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(221, 179, 122)` looks like.

```
.text, #text, p{  
    color:rgb(221, 179, 122)  
}
```

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(221, 179, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 179, 122) }
```

Border

The CSS property to change the border of an element to Yxy 49.0175, 0.3997, 0.3961 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(221, 179, 122) }
```

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

```
.border{ border-color:rgb(221, 179, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 179, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 179, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 179, 122); box-shadow:4px 4px 4px 4px rgb(221, 179, 122) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0175, 0.3997, 0.3961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 179, 122) }
```

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

```
.background{ background-color: rgb(221,  
179, 122) }
```

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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