

Converting Colors

$Yxy(42.6140, 0.3977, 0.3836)$

Have a look what the booklet for
Yxy(42.6140, 0.3977, 0.3836)
contains.

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Color

Yxy(42.6746, 0.3981, 0.3835)

Conversions

Conversions Part 1

Format	Color
Hex	D4A67A
RGB	212, 166, 122
RGB Percent	83%, 65%, 48%
CMY	0.1686, 0.3490, 0.5217
CMYK	0.00, 0.22, 0.42, 0.17
HSL	29°, 51%, 65%
HSV	29°, 42%, 83%
XYZ	44.2992, 42.6746, 24.3028
YIQ	174.7380, 41.5400, -3.9320

Conversions

Conversions Part 2

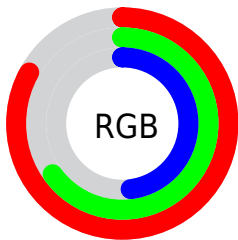
Format	Color
R_{YB}	212, 208, 122
Decimal	13936250
CIE _{Lab}	71.33, 11.23, 29.26
CIE _{LCh}	71, 31.336, 69.006
Yxy	42.6746, 0.3981, 0.3835
Android (android.graphics.Color)	4292126330 (0xFFD4A67A)
YUV	174.7380, -25.9998, 32.6788
Hunter-Lab	65.3258, 6.7257, 23.6707

Details

The Yxy color **42.6746, 0.3981, 0.3835** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.8796, 0.2449, 0.2665**, and the grayscale version is **42.8478, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.0680, 0.3701, 0.3762**, and **19.4842, 0.4216, 0.3961** is the 20% darker color. If you saturate the color by 10%, you get **38.4339, 0.4244, 0.3955**, and if you desaturate by 10%, it is **47.3656, 0.3740, 0.3705**.

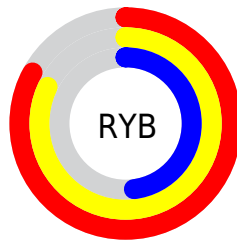
Distribution



Red (83%)

Green (65%)

Blue (48%)



Red (83%)

Yellow (82%)

Blue (48%)

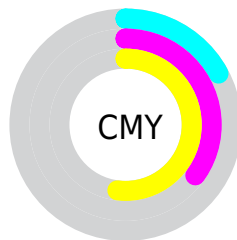


Cyan (0%)

Magenta (22%)

Yellow (42%)

Black (17%)



Cyan (17%)


Magenta (35%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.6746, 0.3981, 0.3835 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 42.6746, 0.3981, 0.3835 by changing the saturation by 10% instead.


 42.6746, 0.3981,
0.3835

 42.6746, 0.3981,
0.3835


357.2718, 0.3549,
0.3574


 29.6299, 0.4088,
0.3895


 79.2196, 0.3824,
0.3744

 19.5578, 0.4225,
0.3967


 103.4887, 0.3765,
0.3708

 12.0740, 0.4404,
0.4055


 132.2680, 0.3715,
0.3678

 6.7941, 0.4644,
0.4160

165.9419, 0.3672,
0.3651

 3.3337, 0.5012,
0.4308

204.8948, 0.3635,
0.3628

 1.3083, 0.5553,
0.4447

249.5112, 0.3602,

 0.1476, 0.7373,

0.3608

0.2627

300.1754, 0.3574,
0.3590

0.0000, 0.0000,
0.0000

42.6746, 0.3981,
0.3835

42.6746, 0.3981,
0.3835

38.4339, 0.4244,
0.3955

47.3656, 0.3740,
0.3705

34.6218, 0.4522,
0.4055

52.5155, 0.3523,
0.3572

31.2234, 0.4802,
0.4121


58.1402, 0.3332,
0.3443

28.2201, 0.5068,
0.4141


64.2530, 0.3165,
0.3319


25.5912, 0.5301,
0.4108

70.8664, 0.3019,
0.3204

 23.8378, 0.5453,
0.4053

 77.9927, 0.2893,
0.3097

 84.6137, 0.2865,
0.3153

 91.2464, 0.2870,
0.3265

 92.7374, 0.2872,
0.3289

Harmonies

Analogous

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



42.6746, 0.4009, 0.3494



42.6746, 0.3981, 0.3835



42.6746, 0.3715, 0.4065

Triad

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



42.6746, 0.3981, 0.3835



42.6746, 0.2505, 0.3409



42.6746, 0.2904, 0.2621

Complementary

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



42.6746, 0.3981, 0.3835



36.8796, 0.2449, 0.2665

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.



42.6746, 0.2536, 0.2567



42.6746, 0.3981, 0.3835



42.6746, 0.2319, 0.2983

Square

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



42.6746, 0.3981, 0.3835



42.6746, 0.2858, 0.3833



42.6746, 0.2331, 0.2686



42.6746, 0.3360, 0.2824

Rectangle

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



42.6746, 0.3981, 0.3835



42.6746, 0.3448, 0.4105



42.6746, 0.2331, 0.2686



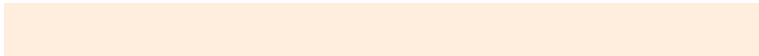
42.6746, 0.2767, 0.2585

Sweetspot

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



42.6766, 0.3981, 0.3835



87.7129, 0.3344, 0.3451



30.7533, 0.3647, 0.2721



18.3551, 0.3385, 0.3480



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.



42.6766, 0.3981, 0.3835



58.9470, 0.4219, 0.3945



61.7432, 0.3763, 0.4316



13.4137, 0.3279, 0.3404



14.9153, 0.5430, 0.4070



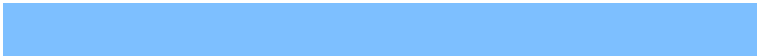
1.0651, 0.5161, 0.4284

Inverse Universe

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



36.8796, 0.2449, 0.2665



49.0067, 0.2308, 0.2502



23.1705, 0.2341, 0.2005



13.0471, 0.2982, 0.3173



9.7963, 0.1784, 0.1624



0.7564, 0.1870, 0.1932

Previews

White Background



This preview shows how the Yxy color 42.6746, 0.3981, 0.3835 looks on a white background.

Color Contrast Check

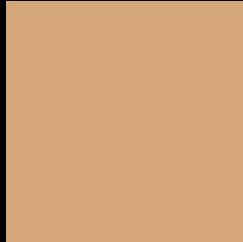
Large Text (above 18pt) WCAG AA × Fail

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 42.6746, 0.3981, 0.3835 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 42.6746, 0.3981, 0.3835

Background



This preview shows how black text looks on a background with the Yxy color 42.6746, 0.3981, 0.3835.



This preview shows how white text looks on a background with the Yxy color 42.6746, 0.3981, 0.3835.

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

42.6746, 0.3981, 0.3835

Protanopia

42.8577, 0.3668, 0.3946

Deuteranopia

42.5979, 0.3946, 0.3853



Tritanopia

42.5265, 0.3572, 0.3135

Trichromacy



Original Color

42.6746, 0.3981, 0.3835

Protanomaly

42.8560, 0.3777, 0.3902

Deuteranomaly

42.7442, 0.3956, 0.3851

Tritanomaly

42.6208, 0.3720, 0.3390

Monochromacy



Original Color

42.6746, 0.3981, 0.3835

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.5967, 0.3413, 0.3504

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6746, 0.3981, 0.3835 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(212, 166, 122)` looks like.

```
.text, #text, p{  
    color:rgb(212, 166, 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(212, 166, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 166, 122) }
```

Border

The CSS property to change the border of an element to Yxy 42.6746, 0.3981, 0.3835 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(212, 166, 122) }
```

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

```
.border{ border-color:rgb(212, 166, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 166, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 166, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 166, 122);  
box-shadow:4px 4px 4px 4px rgb(212, 166,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6746, 0.3981, 0.3835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 166, 122) }
```

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

```
.background{ background-color: rgb(212,  
166, 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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