

Converting Colors

$Yxy(42.3370, 0.4097, 0.3805)$

Have a look what the booklet for
Yxy(42.3370, 0.4097, 0.3805)
contains.

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Color

Yxy(42.2326, 0.4099, 0.3808)

Conversions

Conversions Part 1

Format	Color
Hex	DBA277
RGB	219, 162, 119
RGB Percent	86%, 64%, 47%
CMY	0.1413, 0.3647, 0.5333
CMYK	0.00, 0.26, 0.46, 0.14
HSL	26°, 58%, 66%
HSV	26°, 46%, 86%
XYZ	45.4599, 42.2326, 23.2124
YIQ	174.1410, 47.7750, -1.2890

Conversions

Conversions Part 2

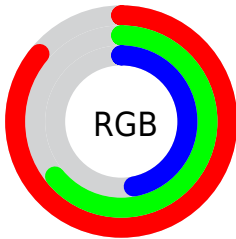
Format	Color
R_{YB}	219, 194, 119
Decimal	14393975
CIE _{Lab}	71.03, 15.89, 30.58
CIE _{LCh}	71, 34.458, 62.544
Yxy	42.2326, 0.4099, 0.3808
Android (android.graphics.Color)	4292584055 (0xFFDBA277)
YUV	174.1410, -27.1845, 39.3413
Hunter-Lab	64.9866, 11.1391, 24.3130

Details

The Yxy color **42.2326, 0.4099, 0.3808** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **40.0801, 0.2413, 0.2693**, and the grayscale version is **42.5289, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8643, 0.3735, 0.3754**, and **19.2754, 0.4383, 0.3915** is the 20% darker color. If you saturate the color by 10%, you get **37.5866, 0.4389, 0.3909**, and if you desaturate by 10%, it is **47.4402, 0.3835, 0.3695**.

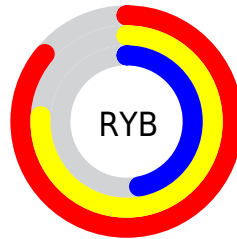
Distribution



Red (86%)

Green (64%)

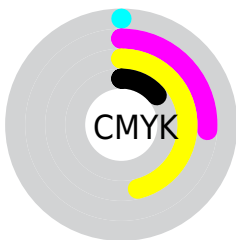
Blue (47%)



Red (86%)

Yellow (76%)

Blue (47%)

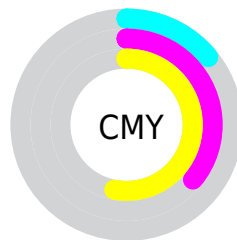


Cyan (0%)

Magenta (26%)

Yellow (46%)

Black (14%)



Cyan (14%)

Magenta (36%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.2326, 0.4099, 0.3808 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 42.2326, 0.4099, 0.3808 by changing the saturation by 10% instead.


 42.2326, 0.4099,
0.3808


 42.2326, 0.4099,
0.3808


355.4462, 0.3605,
0.3566

 29.2835, 0.4222,
0.3861


 78.5515, 0.3919,
0.3725

 19.2954, 0.4378,
0.3923


 102.6901, 0.3852,
0.3693

 11.8839, 0.4582,
0.3995


 131.3273, 0.3795,
0.3664

 6.6647, 0.4855,
0.4073

164.8475, 0.3746,
0.3639

 3.2533, 0.5296,
0.4192

203.6351, 0.3704,
0.3618

 1.2654, 0.5824,
0.4176

248.0745, 0.3667,

 0.1141, 0.8130,

0.3598

0.1870

298.5501, 0.3634,
0.3581

0.0000, 0.0000,
0.0000

42.2326, 0.4099,
0.3808

42.2326, 0.4099,
0.3808

37.5866, 0.4389,
0.3909

47.4402, 0.3835,
0.3695

33.4751, 0.4696,
0.3985

53.2231, 0.3600,
0.3577

29.8772, 0.5003,
0.4025

59.6019, 0.3394,
0.3461

26.7680, 0.5290,
0.4015

66.5945, 0.3217,
0.3350

24.1192, 0.5533,
0.3951

74.2177, 0.3063,
0.3246

 23.0965, 0.5629,
0.3913

 82.4877, 0.2931,
0.3149

 90.2552, 0.2909,
0.3232

 93.7971, 0.2911,
0.3289

Harmonies

Analogous

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



42.2326, 0.4069, 0.3422



42.2326, 0.4099, 0.3808



42.2326, 0.3852, 0.4103

Triad

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



42.2326, 0.4099, 0.3808



42.2326, 0.2512, 0.3528



42.2326, 0.2781, 0.2532

Complementary

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



42.2326, 0.4099, 0.3808



40.0801, 0.2413, 0.2693

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.



42.2326, 0.2414, 0.2509



42.2326, 0.4099, 0.3808



42.2326, 0.2268, 0.3039

Square

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



42.2326, 0.4099, 0.3808



42.2326, 0.2929, 0.3976



42.2326, 0.2236, 0.2678



42.2326, 0.3272, 0.2721

Rectangle

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



42.2326, 0.4099, 0.3808



42.2326, 0.3577, 0.4191



42.2326, 0.2236, 0.2678



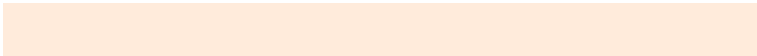
42.2326, 0.2641, 0.2504

Sweetspot

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



42.2346, 0.4099, 0.3808



85.6100, 0.3366, 0.3443



31.4416, 0.3625, 0.2604



17.8828, 0.3407, 0.3468



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.



42.2346, 0.4099, 0.3808



53.1816, 0.4384, 0.3907



62.8045, 0.3839, 0.4326



13.9680, 0.3281, 0.3391



13.9059, 0.5603, 0.3933



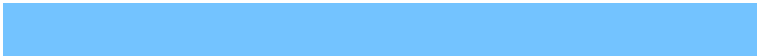
1.0698, 0.5318, 0.4159

Inverse Universe

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



40.0801, 0.2413, 0.2693



49.7322, 0.2271, 0.2536



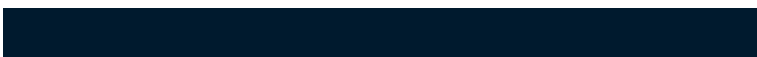
24.3043, 0.2287, 0.1983



13.8428, 0.2982, 0.3187



11.9213, 0.1840, 0.1824



0.9422, 0.1913, 0.2086

Previews

White Background



This preview shows how the Yxy color 42.2326, 0.4099, 0.3808 looks on a white background.

Color Contrast Check

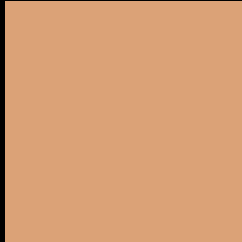
Large Text (above 18pt) WCAG AA × Fail

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 42.2326, 0.4099, 0.3808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

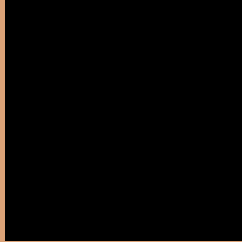
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.2326, 0.4099, 0.3808

Background



This preview shows how black text looks on a background with the Yxy color 42.2326, 0.4099, 0.3808.



This preview shows how white text looks on a background with the Yxy color 42.2326, 0.4099, 0.3808.

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

42.2326, 0.4099, 0.3808

Protanopia

42.4187, 0.3689, 0.3960

Deuteranopia

42.3553, 0.3972, 0.3904



Tritanopia

42.2921, 0.3678, 0.3149

Trichromacy



Original Color

42.2326, 0.4099, 0.3808

Protanomaly

42.2967, 0.3833, 0.3912

Deuteranomaly

42.2153, 0.4023, 0.3871

Tritanomaly

42.1853, 0.3843, 0.3388

Monochromacy



Original Color

42.2326, 0.4099, 0.3808

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.0297, 0.3454, 0.3503

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2326, 0.4099, 0.3808 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(219, 162, 119)` looks like.

```
.text, #text, p{  
    color:rgb(219, 162, 119)  
}
```

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(219, 162, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 162, 119) }
```

Border

The CSS property to change the border of an element to Yxy 42.2326, 0.4099, 0.3808 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(219, 162, 119) }
```

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

```
.border{ border-color:rgb(219, 162, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 162, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 162, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 162, 119);  
box-shadow:4px 4px 4px 4px rgb(219, 162,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2326, 0.4099, 0.3808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 162, 119) }
```

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

```
.background{ background-color: rgb(219,  
162, 119) }
```

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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