

Converting Colors

$Y_{xy}(42.5408, 0.4085, 0.3737)$

Have a look what the booklet for
Yxy(42.5408, 0.4085, 0.3737)
contains.

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Color

Yxy(42.4746, 0.4087, 0.3732)

Conversions

Conversions Part 1

Format	Color
Hex	DEA17C
RGB	222, 161, 124
RGB Percent	87%, 63%, 49%
CMY	0.1293, 0.3687, 0.5136
CMYK	0.00, 0.27, 0.44, 0.13
HSL	23°, 60%, 68%
HSV	23°, 44%, 87%
XYZ	46.5149, 42.4746, 24.8224
YIQ	175.0210, 48.2330, 1.4250

Conversions

Conversions Part 2

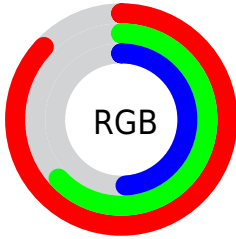
Format	Color
R _{YB}	222, 183, 124
Decimal	14590332
CIE Lab	71.20, 18.17, 28.16
CIE LCh	71, 33.517, 57.164
Yxy	42.4746, 0.4087, 0.3732
Android (android.graphics.Color)	4292780412 (0xFFDEA17C)
YUV	175.0210, -25.1534, 41.2006
Hunter-Lab	65.1725, 13.3470, 23.0389

Details

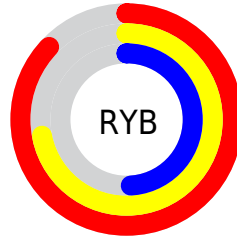
The Yxy color **42.4746, 0.4087, 0.3732** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **44.2853, 0.2448, 0.2789**, and the grayscale version is **42.9976, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5461, 0.3702, 0.3692**, and **19.4446, 0.4369, 0.3817** is the 20% darker color. If you saturate the color by 10%, you get **37.4082, 0.4392, 0.3822**, and if you desaturate by 10%, it is **48.2061, 0.3814, 0.3631**.

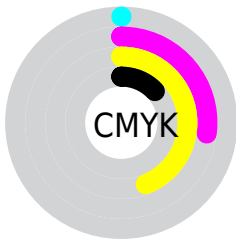
Distribution



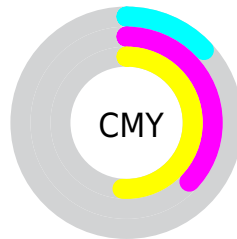
- Red (87%)
- Green (63%)
- Blue (49%)



- Red (87%)
- Yellow (72%)
- Blue (49%)



- Cyan (0%)
- Magenta (27%)
- Yellow (44%)
- Black (13%)




- Cyan (13%)
- Magenta (37%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.4746, 0.4087, 0.3732 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 42.4746, 0.4087, 0.3732 by changing the saturation by 10% instead.


 42.4746, 0.4087,
0.3732


 42.4746, 0.4087,
0.3732


356.4466, 0.3598,
0.3528


 29.4731, 0.4209,
0.3776


 78.9174, 0.3909,
0.3663

 19.4390, 0.4366,
0.3827


 103.1275, 0.3842,
0.3635

 11.9879, 0.4572,
0.3886


 131.8426, 0.3785,
0.3611

 6.7355, 0.4850,
0.3948

165.4470, 0.3737,
0.3590

 3.2972, 0.5269,
0.4017

204.3253, 0.3695,
0.3572

 1.2888, 0.5943,
0.4057

248.8617, 0.3659,

 0.1325, 0.8113,

0.3556

0.1887

299.4407, 0.3627,
0.3541

0.0000, 0.0000,
0.0000

42.4746, 0.4087,
0.3732

42.4746, 0.4087,
0.3732

37.4082, 0.4392,
0.3822

48.2061, 0.3814,
0.3631

32.9748, 0.4720,
0.3891

54.6207, 0.3575,
0.3527

29.1486, 0.5055,
0.3925

61.7437, 0.3369,
0.3425

25.8990, 0.5372,
0.3913

69.5967, 0.3192,
0.3328

23.1920, 0.5644,
0.3848

78.2006, 0.3042,
0.3238

■ 21.8363, 0.5780,
0.3792

■ 87.4303, 0.2926,
0.3177

■ 94.2742, 0.2929,
0.3289

Harmonies

Analogous

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



42.4746, 0.4005, 0.3351



42.4746, 0.4087, 0.3732



42.4746, 0.3892, 0.4041

Triad

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



42.4746, 0.4087, 0.3732



42.4746, 0.2592, 0.3608



42.4746, 0.2716, 0.2535

Complementary

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



42.4746, 0.4087, 0.3732



44.2853, 0.2448, 0.2789

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.



42.4746, 0.2388, 0.2546



42.4746, 0.4087, 0.3732



42.4746, 0.2319, 0.3127

Square

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



42.4746, 0.4087, 0.3732



42.4746, 0.3019, 0.4013



42.4746, 0.2249, 0.2746



42.4746, 0.3179, 0.2693

Rectangle

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



42.4746, 0.4087, 0.3732



42.4746, 0.3643, 0.4153



42.4746, 0.2249, 0.2746



42.4746, 0.2588, 0.2518

Sweetspot

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



42.4767, 0.4087, 0.3732



85.5736, 0.3349, 0.3415



33.5042, 0.3548, 0.2572



17.8289, 0.3392, 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.



42.4767, 0.4087, 0.3732



51.6739, 0.4369, 0.3816



62.5721, 0.3840, 0.4248



14.5435, 0.3283, 0.3379



13.1641, 0.5754, 0.3813



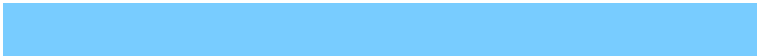
1.0810, 0.5465, 0.4043

Inverse Universe

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



44.2853, 0.2448, 0.2789



54.3977, 0.2318, 0.2662



27.4790, 0.2330, 0.2101



14.6582, 0.2981, 0.3199



14.1941, 0.1892, 0.2009



1.1545, 0.1952, 0.2228

Previews

White Background



This preview shows how the Yxy color 42.4746, 0.4087, 0.3732 looks on a white background.

Color Contrast Check

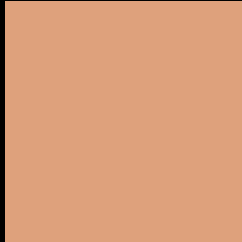
Large Text (above 18pt) WCAG AA × Fail

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 42.4746, 0.4087, 0.3732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

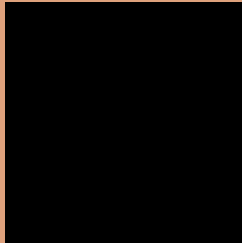
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.4746, 0.4087, 0.3732

Background



This preview shows how black text looks on a background with the Yxy color 42.4746, 0.4087, 0.3732.



This preview shows how white text looks on a background with the Yxy color 42.4746, 0.4087, 0.3732.

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

42.4746, 0.4087, 0.3732

Protanopia

42.4486, 0.3627, 0.3883

Deuteranopia

42.4774, 0.3927, 0.3843



Tritanopia

42.4015, 0.3720, 0.3151

Trichromacy



Original Color

42.4746, 0.4087, 0.3732

Protanomaly

42.2138, 0.3793, 0.3821

Deuteranomaly

42.4865, 0.3987, 0.3809

Tritanomaly

42.3559, 0.3867, 0.3363

Monochromacy



Original Color

42.4746, 0.4087, 0.3732

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.3562, 0.3455, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4746, 0.4087, 0.3732 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(222, 161, 124)` looks like.

```
.text, #text, p{  
    color:rgb(222, 161, 124)  
}
```

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(222, 161, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 161, 124) }
```

Border

The CSS property to change the border of an element to Yxy 42.4746, 0.4087, 0.3732 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(222, 161, 124) }
```

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

```
.border{ border-color:rgb(222, 161, 124) }
```

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

Here you see how a box with a 4 pixel rgb(222, 161, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 161, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 161, 124);  
box-shadow:4px 4px 4px 4px rgb(222, 161,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4746, 0.4087, 0.3732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 161, 124) }
```

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

```
.background{ background-color: rgb(222,  
161, 124) }
```

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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