

Converting Colors

$Y_{xy}(42.0988, 0.4117, 0.3706)$

Have a look what the booklet for
Yxy(42.0988, 0.4117, 0.3706)
contains.

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Color

Yxy(42.0988, 0.4117, 0.3706)

Conversions

Conversions Part 1

Format	Color
Hex	E09F7C
RGB	224, 159, 124
RGB Percent	88%, 62%, 49%
CMY	0.1217, 0.3764, 0.5137
CMYK	0.00, 0.29, 0.45, 0.12
HSL	21°, 62%, 68%
HSV	21°, 45%, 88%
XYZ	46.7676, 42.0988, 24.7299
YIQ	174.4450, 49.9750, 2.8950

Conversions

Conversions Part 2

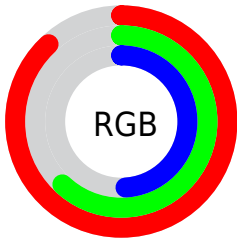
Format	Color
RYB	224, 178, 124
Decimal	14720892
CIELab	70.94, 20.00, 27.87
CIELCh	71, 34.302, 54.338
Yxy	42.0988, 0.4117, 0.3706
Android (android.graphics.Color)	4292910972 (0xFFE09F7C)
YUV	174.4450, -24.8694, 43.4597
Hunter-Lab	64.8836, 15.1152, 22.8205

Details

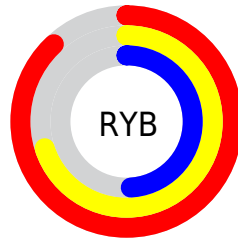
The Yxy color **42.0988, 0.4117, 0.3706** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **46.0334, 0.2447, 0.2820**, and the grayscale version is **42.6802, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.5275, 0.3708, 0.3673**, and **19.1304, 0.4401, 0.3784** is the 20% darker color. If you saturate the color by 10%, you get **36.8832, 0.4433, 0.3789**, and if you desaturate by 10%, it is **48.0362, 0.3835, 0.3612**.

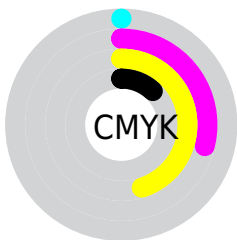
Distribution



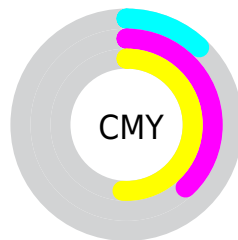
- Red (88%)
- Green (62%)
- Blue (49%)



- Red (88%)
- Yellow (70%)
- Blue (49%)



- Cyan (0%)
- Magenta (29%)
- Yellow (45%)
- Black (12%)





- Cyan (12%)
- Magenta (38%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.0988, 0.4117, 0.3706 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 42.0988, 0.4117, 0.3706 by changing the saturation by 10% instead.


 42.0988, 0.4117,
0.3706

 42.0988, 0.4117,
0.3706


354.8923, 0.3612,
0.3516

 29.1787, 0.4244,
0.3746


 78.3491, 0.3932,
0.3642

 19.2160, 0.4406,
0.3792


 102.4481, 0.3863,
0.3617

 11.8265, 0.4620,
0.3843


 131.0422, 0.3805,
0.3594

 6.6256, 0.4911,
0.3894

164.5157, 0.3755,
0.3575

 3.2291, 0.5350,
0.3947

203.2531, 0.3712,
0.3558

 1.2525, 0.6049,
0.3951

247.6387, 0.3674,

 0.1040, 0.8496,

0.3542

0.1504

298.0570, 0.3641,
0.3528

0.0000, 0.0000,
0.0000

42.0988, 0.4117,
0.3706

42.0988, 0.4117,
0.3706

36.8832, 0.4433,
0.3789

48.0362, 0.3835,
0.3612

32.3541, 0.4774,
0.3850

54.7166, 0.3590,
0.3515

28.4821, 0.5122,
0.3876

62.1679, 0.3380,
0.3420

25.2328, 0.5450,
0.3857

70.4145, 0.3201,
0.3330

22.5677, 0.5727,
0.3785

79.4798, 0.3049,
0.3246

■ 21.3566, 0.5854,
0.3734

■ 89.1668, 0.2938,
0.3202

■ 94.5809, 0.2940,
0.3289

Harmonies

Analogous

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



42.0988, 0.4005, 0.3314



42.0988, 0.4117, 0.3706



42.0988, 0.3941, 0.4036

Triad

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



42.0988, 0.4117, 0.3706



42.0988, 0.2614, 0.3662



42.0988, 0.2666, 0.2510

Complementary

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



42.0988, 0.4117, 0.3706



46.0334, 0.2447, 0.2820

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.



42.0988, 0.2348, 0.2538



42.0988, 0.4117, 0.3706



42.0988, 0.2317, 0.3166

Square

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



42.0988, 0.4117, 0.3706



42.0988, 0.3061, 0.4061



42.0988, 0.2226, 0.2761



42.0988, 0.3131, 0.2657

Rectangle

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



42.0988, 0.4117, 0.3706



42.0988, 0.3696, 0.4166



42.0988, 0.2226, 0.2761



42.0988, 0.2540, 0.2499

Sweetspot

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



42.1008, 0.4117, 0.3706



85.0672, 0.3350, 0.3406



33.9298, 0.3536, 0.2546



17.7047, 0.3393, 0.3427



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.



42.1008, 0.4117, 0.3706



49.6590, 0.4425, 0.3787



62.8807, 0.3856, 0.4242



14.4821, 0.3283, 0.3373



12.6313, 0.5827, 0.3756



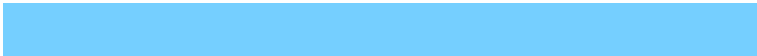
1.0395, 0.5530, 0.3991

Inverse Universe

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



46.0334, 0.2447, 0.2820



55.5293, 0.2314, 0.2695



28.1289, 0.2323, 0.2108



14.7218, 0.2982, 0.3206



15.2356, 0.1918, 0.2105



1.2221, 0.1975, 0.2309

Previews

White Background



This preview shows how the Yxy color 42.0988, 0.4117, 0.3706 looks on a white background.

Color Contrast Check

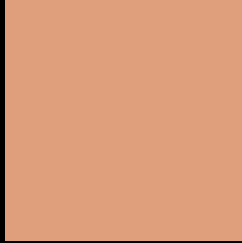
Large Text (above 18pt) WCAG AA × Fail

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 42.0988, 0.4117, 0.3706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

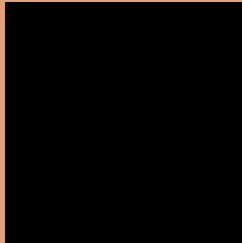
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.0988, 0.4117, 0.3706

Background



This preview shows how black text looks on a background with the Yxy color 42.0988, 0.4117, 0.3706.



This preview shows how white text looks on a background with the Yxy color 42.0988, 0.4117, 0.3706.

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

42.0988, 0.4117, 0.3706

Protanopia

42.3229, 0.3618, 0.3885

Deuteranopia

42.3329, 0.3917, 0.3845



Tritanopia

41.9931, 0.3766, 0.3152

Trichromacy



Original Color

42.0988, 0.4117, 0.3706

Protanomaly

42.2138, 0.3793, 0.3821

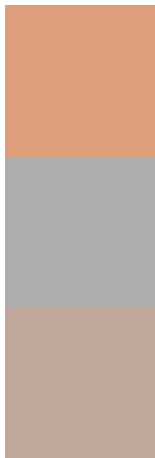
Deuteranomaly

42.1271, 0.3992, 0.3797

Tritanomaly

41.9756, 0.3904, 0.3351

Monochromacy



Original Color

42.0988, 0.4117, 0.3706

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.9827, 0.3458, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0988, 0.4117, 0.3706 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(224, 159, 124)` looks like.

```
.text, #text, p{  
    color:rgb(224, 159, 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(224, 159, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 159, 124) }
```

Border

The CSS property to change the border of an element to Yxy 42.0988, 0.4117, 0.3706 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(224, 159, 124) }
```

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

```
.border{ border-color:rgb(224, 159, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 159, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 159, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 159, 124);  
box-shadow:4px 4px 4px 4px rgb(224, 159,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0988, 0.4117, 0.3706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 159, 124) }
```

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

```
.background{ background-color: rgb(224,  
159, 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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