

Converting Colors

$Y_{xy}(44.3124, 0.4136, 0.3743)$

Have a look what the booklet for
Yxy(44.3124, 0.4136, 0.3743)
contains.

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Color

Yxy(44.3076, 0.4143, 0.3742)

Conversions

Conversions Part 1

Format	Color
Hex	E5A37C
RGB	229, 163, 124
RGB Percent	90%, 64%, 49%
CMY	0.1019, 0.3608, 0.5136
CMYK	0.00, 0.29, 0.46, 0.10
HSL	22°, 67%, 69%
HSV	22°, 46%, 90%
XYZ	49.0557, 44.3076, 25.0429
YIQ	178.2880, 51.8550, 1.8630

Conversions

Conversions Part 2

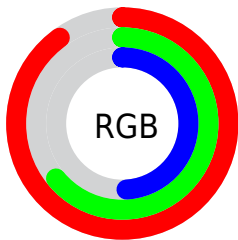
Format	Color
R _Y B	229, 186, 124
Decimal	15049596
CIE Lab	72.43, 19.89, 29.93
CIE LCh	72, 35.940, 56.396
Yxy	44.3076, 0.4143, 0.3742
Android (android.graphics.Color)	4293239676 (0xFFE5A37C)
YUV	178.2880, -26.7640, 44.4744
Hunter-Lab	66.5640, 15.0624, 24.2885

Details

The Yxy color **44.3076, 0.4143, 0.3742** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **46.7973, 0.2424, 0.2774**, and the grayscale version is **44.8077, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5771, 0.3696, 0.3712**, and **20.5348, 0.4426, 0.3827** is the 20% darker color. If you saturate the color by 10%, you get **38.9694, 0.4456, 0.3828**, and if you desaturate by 10%, it is **50.3672, 0.3862, 0.3644**.

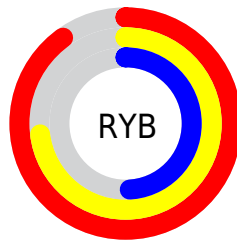
Distribution



Red (90%)

Green (64%)

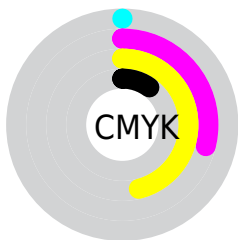
Blue (49%)



Red (90%)

Yellow (73%)

Blue (49%)

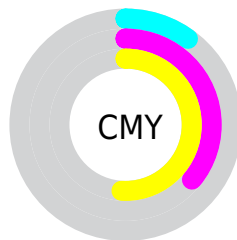


Cyan (0%)

Magenta (29%)

Yellow (46%)

Black (10%)



Cyan (10%)


Magenta (36%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3076, 0.4143, 0.3742 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 44.3076, 0.4143, 0.3742 by changing the saturation by 10% instead.


 44.3076, 0.4143,
0.3742

 44.3076, 0.4143,
0.3742


363.9620, 0.3630,
0.3537

 30.9124, 0.4270,
0.3785


 81.6804, 0.3957,
0.3674

 20.5322, 0.4432,
0.3833


 106.4268, 0.3887,
0.3646

 12.7825, 0.4642,
0.3888

 135.7257, 0.3827,
0.3622

 7.2789, 0.4924,
0.3943

169.9616, 0.3776,
0.3601

 3.6371, 0.5334,
0.3994

209.5187, 0.3732,
0.3582

 1.4727, 0.5988,
0.4012

254.7816, 0.3694,

 0.2694, 0.7335,

0.3566

0.2665

306.1346, 0.3660,
0.3551

0.0000, 0.0000,
0.0000

44.3076, 0.4143,
0.3742

44.3076, 0.4143,
0.3742

38.9694, 0.4456,
0.3828

50.3672, 0.3862,
0.3644

34.3172, 0.4790,
0.3890

57.1688, 0.3615,
0.3541

30.3220, 0.5127,
0.3915

64.7401, 0.3403,
0.3440

26.9496, 0.5442,
0.3892

73.1054, 0.3221,
0.3344

24.1614, 0.5704,
0.3817

82.2877, 0.3066,
0.3253

■ 23.1587, 0.5800,
0.3776

■ 91.8875, 0.2969,
0.3234

■ 95.4023, 0.2970,
0.3290

Harmonies

Analogous

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



44.3076, 0.4050, 0.3341



44.3076, 0.4143, 0.3742



44.3076, 0.3942, 0.4074

Triad

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



44.3076, 0.4143, 0.3742



44.3076, 0.2572, 0.3639



44.3076, 0.2681, 0.2494

Complementary

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



44.3076, 0.4143, 0.3742



46.7973, 0.2424, 0.2774

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.



44.3076, 0.2342, 0.2509



44.3076, 0.4143, 0.3742



44.3076, 0.2281, 0.3127

Square

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



44.3076, 0.4143, 0.3742



44.3076, 0.3024, 0.4066



44.3076, 0.2203, 0.2722



44.3076, 0.3167, 0.2656

Rectangle

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



44.3076, 0.4143, 0.3742



44.3076, 0.3681, 0.4200



44.3076, 0.2203, 0.2722



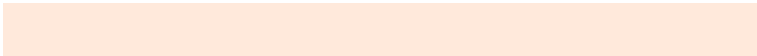
44.3076, 0.2548, 0.2478

Sweetspot

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



44.3098, 0.4143, 0.3742



84.4131, 0.3368, 0.3423



34.8243, 0.3572, 0.2544



17.5926, 0.3411, 0.3444



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.



44.3098, 0.4143, 0.3742



50.0561, 0.4439, 0.3824



66.7321, 0.3869, 0.4284



15.2397, 0.3283, 0.3378



13.4493, 0.5772, 0.3799



1.1671, 0.5497, 0.4017

Inverse Universe

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



46.7973, 0.2424, 0.2774



53.5364, 0.2293, 0.2644



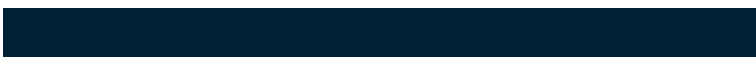
28.1294, 0.2293, 0.2044



15.3901, 0.2981, 0.3201



14.8792, 0.1897, 0.2030



1.2760, 0.1954, 0.2234

Previews

White Background



This preview shows how the Yxy color 44.3076, 0.4143, 0.3742 looks on a white background.

Color Contrast Check

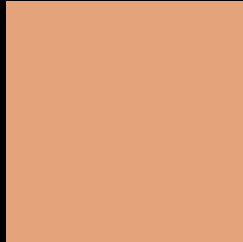
Large Text (above 18pt) WCAG AA × Fail

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 44.3076, 0.4143, 0.3742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

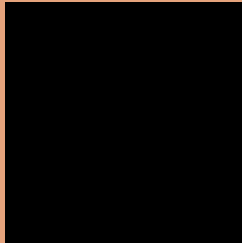
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3076, 0.4143, 0.3742

Background



This preview shows how black text looks on a background with the Yxy color 44.3076, 0.4143, 0.3742.



This preview shows how white text looks on a background with the Yxy color 44.3076, 0.4143, 0.3742.

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

44.3076, 0.4143, 0.3742

Protanopia

44.5289, 0.3651, 0.3923

Deuteranopia

44.3256, 0.3960, 0.3867



Tritanopia

44.3022, 0.3762, 0.3155

Trichromacy



Original Color

44.3076, 0.4143, 0.3742

Protanomaly

44.4248, 0.3824, 0.3859

Deuteranomaly

44.1276, 0.4034, 0.3819

Tritanomaly

44.2520, 0.3906, 0.3361

Monochromacy



Original Color

44.3076, 0.4143, 0.3742

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.2261, 0.3478, 0.3484

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3076, 0.4143, 0.3742 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(229, 163, 124)` looks like.

```
.text, #text, p{  
    color:rgb(229, 163, 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(229, 163, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 163, 124) }
```

Border

The CSS property to change the border of an element to Yxy 44.3076, 0.4143, 0.3742 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(229, 163, 124) }
```

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

```
.border{ border-color:rgb(229, 163, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 163, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 163, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 163, 124); box-shadow:4px 4px 4px 4px rgb(229, 163, 124) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3076, 0.4143, 0.3742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 163, 124) }
```

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

```
.background{ background-color: rgb(229,  
163, 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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