

Converting Colors

$Y_{xy}(43.8060, 0.4123, 0.3680)$

Have a look what the booklet for
Yxy(43.8060, 0.4123, 0.3680)
contains.

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Color

Yxy(43.7063, 0.4116, 0.3675)

Conversions

Conversions Part 1

Format	Color
Hex	E5A180
RGB	229, 161, 128
RGB Percent	90%, 63%, 50%
CMY	0.1020, 0.3686, 0.4981
CMYK	0.00, 0.30, 0.44, 0.10
HSL	20°, 66%, 70%
HSV	20°, 44%, 90%
XYZ	48.9511, 43.7063, 26.2714
YIQ	177.5700, 51.1210, 4.1530

Conversions

Conversions Part 2

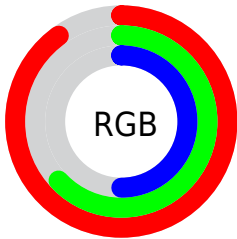
Format	Color
R _Y B	229, 177, 128
Decimal	15049088
CIE Lab	72.03, 21.34, 27.27
CIE LCh	72, 34.625, 51.957
Yxy	43.7063, 0.4116, 0.3675
Android (android.graphics.Color)	4293239168 (0xFFE5A180)
YUV	177.5700, -24.4380, 45.1041
Hunter-Lab	66.1107, 16.4748, 22.7166

Details

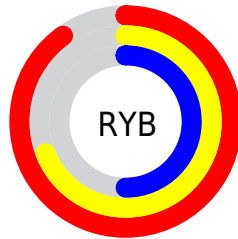
The Yxy color **43.7063, 0.4116, 0.3675** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **49.7063, 0.2459, 0.2858**, and the grayscale version is **44.3935, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.7079, 0.3672, 0.3651**, and **20.1453, 0.4407, 0.3756** is the 20% darker color. If you saturate the color by 10%, you get **38.1131, 0.4439, 0.3753**, and if you desaturate by 10%, it is **50.1038, 0.3830, 0.3587**.

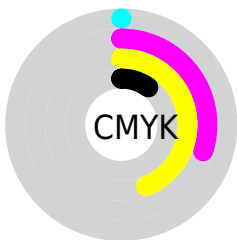
Distribution



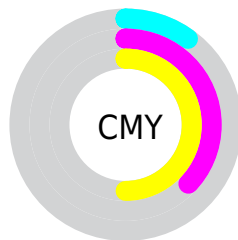
- Red (90%)
- Green (63%)
- Blue (50%)



- Red (90%)
- Yellow (69%)
- Blue (50%)



- Cyan (0%)
- Magenta (30%)
- Yellow (44%)
- Black (10%)




- Cyan (10%)
- Magenta (37%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.7063, 0.4116, 0.3675 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 43.7063, 0.4116, 0.3675 by changing the saturation by 10% instead.

 43.7063, 0.4116,
0.3675

 43.7063, 0.4116,
0.3675


361.5084, 0.3614,
0.3502

 30.4397, 0.4242,
0.3711


 80.7756, 0.3933,
0.3617

 20.1726, 0.4402,
0.3751


 105.3471, 0.3864,
0.3594

 12.5205, 0.4613,
0.3796


 134.4557, 0.3806,
0.3574

 7.0992, 0.4899,
0.3840

168.4857, 0.3757,
0.3556

 3.5242, 0.5308,
0.3869

207.8216, 0.3714,
0.3540

 1.4112, 0.6076,
0.3924

252.8477, 0.3676,

 0.2249, 0.7656,

0.3526

0.2344

303.9486, 0.3643,
0.3513

0.0000, 0.0000,
0.0000

43.7063, 0.4116,
0.3675

43.7063, 0.4116,
0.3675

38.1131, 0.4439,
0.3753

50.1038, 0.3830,
0.3587

33.2843, 0.4790,
0.3810

57.3303, 0.3582,
0.3496

29.1863, 0.5150,
0.3833

65.4174, 0.3371,
0.3407

25.7798, 0.5490,
0.3812

74.3931, 0.3192,
0.3323

23.0208, 0.5777,
0.3741

84.2840, 0.3041,
0.3245

■ 21.6725, 0.5918,
0.3683

■ 94.4291, 0.2970,
0.3274

■ 95.3965, 0.2970,
0.3290

Harmonies

Analogous

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



43.7063, 0.3981, 0.3283



43.7063, 0.4116, 0.3675



43.7063, 0.3961, 0.4012

Triad

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



43.7063, 0.4116, 0.3675



43.7063, 0.2646, 0.3699



43.7063, 0.2636, 0.2508

Complementary

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



43.7063, 0.4116, 0.3675



49.7063, 0.2459, 0.2858

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.



43.7063, 0.2333, 0.2551



43.7063, 0.4116, 0.3675



43.7063, 0.2336, 0.3204

Square

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



43.7063, 0.4116, 0.3675



43.7063, 0.3100, 0.4080



43.7063, 0.2228, 0.2788



43.7063, 0.3091, 0.2641

Rectangle

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



43.7063, 0.4116, 0.3675



43.7063, 0.3727, 0.4153



43.7063, 0.2228, 0.2788



43.7063, 0.2515, 0.2501

Sweetspot

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



43.7084, 0.4116, 0.3675



84.6285, 0.3351, 0.3398



36.1214, 0.3494, 0.2519



17.5972, 0.3395, 0.3418



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.



43.7084, 0.4116, 0.3675



49.1793, 0.4412, 0.3747



64.5413, 0.3864, 0.4200



15.1338, 0.3284, 0.3367



12.5878, 0.5890, 0.3706



1.0948, 0.5605, 0.3932

Inverse Universe

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



49.7063, 0.2459, 0.2858



57.6942, 0.2336, 0.2749



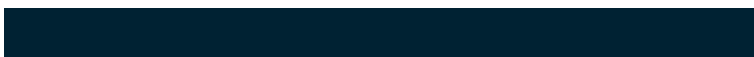
30.9566, 0.2341, 0.2169



15.5003, 0.2981, 0.3211



16.6986, 0.1941, 0.2187



1.4016, 0.1991, 0.2367

Previews

White Background



This preview shows how the Yxy color 43.7063, 0.4116, 0.3675 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 43.7063, 0.4116, 0.3675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

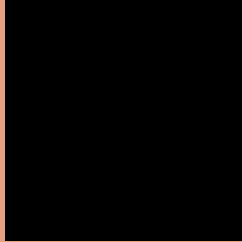
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.7063, 0.4116, 0.3675

Background



This preview shows how black text looks on a background with the Yxy color 43.7063, 0.4116, 0.3675.



This preview shows how white text looks on a background with the Yxy color 43.7063, 0.4116, 0.3675.

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

43.7063, 0.4116, 0.3675

Protanopia

44.0124, 0.3593, 0.3849

Deuteranopia

43.5839, 0.3909, 0.3826



Tritanopia

43.8906, 0.3785, 0.3166

Trichromacy



Original Color

43.7063, 0.4116, 0.3675

Protanomaly

43.6291, 0.3787, 0.3787

Deuteranomaly

43.5565, 0.3983, 0.3765

Tritanomaly

43.9094, 0.3910, 0.3350

Monochromacy



Original Color

43.7063, 0.4116, 0.3675

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.9134, 0.3462, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7063, 0.4116, 0.3675 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, 161, 128)` looks like.

```
.text, #text, p{  
    color:rgb(229, 161, 128)  
}
```

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, 161, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 161, 128) }
```

Border

The CSS property to change the border of an element to Yxy 43.7063, 0.4116, 0.3675 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, 161, 128) }
```

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

```
.border{ border-color:rgb(229, 161, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 161, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 161, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 161, 128);  
box-shadow:4px 4px 4px 4px rgb(229, 161,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7063, 0.4116, 0.3675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 161, 128) }
```

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

```
.background{ background-color: rgb(229,  
161, 128) }
```

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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