

Converting Colors

$Y_{xy}(44.6609, 0.4092, 0.3706)$

Have a look what the booklet for
Yxy(44.6609, 0.4092, 0.3706)
contains.

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Color

Yxy(44.6034, 0.4090, 0.3710)

Conversions

Conversions Part 1

Format	Color
Hex	E4A480
RGB	228, 164, 128
RGB Percent	89%, 64%, 50%
CMY	0.1058, 0.3569, 0.4979
CMYK	0.00, 0.28, 0.44, 0.11
HSL	22°, 65%, 70%
HSV	22°, 44%, 89%
XYZ	49.1719, 44.6034, 26.4495
YIQ	179.0320, 49.7000, 2.3720

Conversions

Conversions Part 2

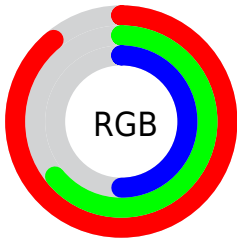
Format	Color
RYB	228, 184, 128
Decimal	14984320
CIELab	72.63, 19.36, 28.02
CIELCh	73, 34.058, 55.356
Yxy	44.6034, 0.4090, 0.3710
Android (android.graphics.Color)	4293174400 (0xFFE4A480)
YUV	179.0320, -25.1588, 42.9449
Hunter-Lab	66.7858, 14.5480, 23.2692

Details

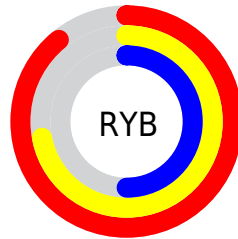
The Yxy color **44.6034, 0.4090, 0.3710** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **47.9147, 0.2455, 0.2816**, and the grayscale version is **45.2166, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.2592, 0.3664, 0.3681**, and **20.6844, 0.4367, 0.3804** is the 20% darker color. If you saturate the color by 10%, you get **39.1420, 0.4401, 0.3796**, and if you desaturate by 10%, it is **50.8040, 0.3813, 0.3613**.

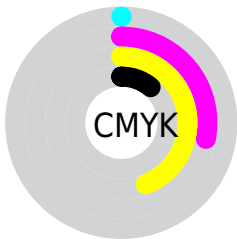
Distribution



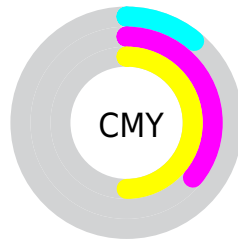
- Red (89%)
- Green (64%)
- Blue (50%)



- Red (89%)
- Yellow (72%)
- Blue (50%)



- Cyan (0%)
- Magenta (28%)
- Yellow (44%)
- Black (11%)





- Cyan (11%)
- Magenta (36%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6034, 0.4090, 0.3710 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 44.6034, 0.4090, 0.3710 by changing the saturation by 10% instead.


 44.6034, 0.4090,
0.3710

 44.6034, 0.4090,
0.3710


365.1649, 0.3603,
0.3519


 31.1452, 0.4211,
0.3750


 82.1249, 0.3913,
0.3646

 20.7094, 0.4365,
0.3797


 106.9570, 0.3847,
0.3620

 12.9118, 0.4567,
0.3850


 136.3492, 0.3790,
0.3598

 7.3678, 0.4839,
0.3906

170.6858, 0.3742,
0.3578

 3.6932, 0.5225,
0.3952

210.3513, 0.3700,
0.3561

 1.5035, 0.5954,
0.4046

255.7301, 0.3664,

 0.2912, 0.7202,

0.3545

0.2798

307.2065, 0.3632,
0.3531

0.0000, 0.0000,
0.0000

44.6034, 0.4090,
0.3710

44.6034, 0.4090,
0.3710

39.1420, 0.4401,
0.3796

50.8040, 0.3813,
0.3613

34.3838, 0.4737,
0.3862

57.7647, 0.3572,
0.3514

30.2995, 0.5081,
0.3893

65.5137, 0.3365,
0.3416

26.8546, 0.5408,
0.3878

74.0758, 0.3188,
0.3324

24.0104, 0.5686,
0.3812

83.4745, 0.3038,
0.3238

■ 22.5344, 0.5831,
0.3752

■ 93.0822, 0.2963,
0.3255

■ 95.2366, 0.2964,
0.3290

Harmonies

Analogous

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



44.6034, 0.3991, 0.3328



44.6034, 0.4090, 0.3710



44.6034, 0.3910, 0.4026

Triad

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



44.6034, 0.4090, 0.3710



44.6034, 0.2614, 0.3637



44.6034, 0.2691, 0.2531

Complementary

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



44.6034, 0.4090, 0.3710



47.9147, 0.2455, 0.2816

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.



44.6034, 0.2374, 0.2553



44.6034, 0.4090, 0.3710



44.6034, 0.2330, 0.3155

Square

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



44.6034, 0.4090, 0.3710



44.6034, 0.3048, 0.4030



44.6034, 0.2248, 0.2764



44.6034, 0.3149, 0.2679

Rectangle

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



44.6034, 0.4090, 0.3710



44.6034, 0.3669, 0.4147



44.6034, 0.2248, 0.2764



44.6034, 0.2566, 0.2518

Sweetspot

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



44.6056, 0.4090, 0.3710



85.2433, 0.3350, 0.3409



35.7939, 0.3527, 0.2558



17.7479, 0.3393, 0.3430



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.



44.6056, 0.4090, 0.3710



50.7900, 0.4384, 0.3792



65.6535, 0.3844, 0.4227



15.2123, 0.3283, 0.3375



13.2147, 0.5803, 0.3774



1.1477, 0.5525, 0.3995

Inverse Universe

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



47.9147, 0.2455, 0.2816



55.5302, 0.2324, 0.2692



29.8470, 0.2338, 0.2131



15.4185, 0.2981, 0.3203



15.3347, 0.1909, 0.2070



1.3076, 0.1964, 0.2269

Previews

White Background



This preview shows how the Yxy color 44.6034, 0.4090, 0.3710 looks on a white background.

Color Contrast Check

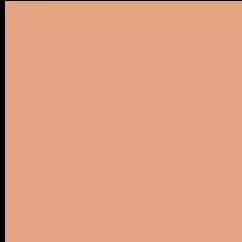
Large Text (above 18pt) WCAG AA × Fail

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 44.6034, 0.4090, 0.3710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

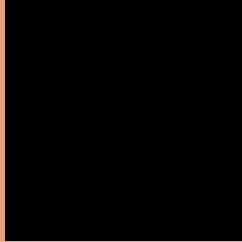
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.6034, 0.4090, 0.3710

Background



This preview shows how black text looks on a background with the Yxy color 44.6034, 0.4090, 0.3710.



This preview shows how white text looks on a background with the Yxy color 44.6034, 0.4090, 0.3710.

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

44.6034, 0.4090, 0.3710

Protanopia

44.6384, 0.3617, 0.3871

Deuteranopia

44.6552, 0.3910, 0.3833



Tritanopia

44.5118, 0.3739, 0.3154

Trichromacy



Original Color

44.6034, 0.4090, 0.3710

Protanomaly

44.3905, 0.3778, 0.3811

Deuteranomaly

44.4430, 0.3982, 0.3786

Tritanomaly

44.4971, 0.3873, 0.3350

Monochromacy



Original Color

44.6034, 0.4090, 0.3710

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.6805, 0.3458, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6034, 0.4090, 0.3710 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(228, 164, 128)` looks like.

```
.text, #text, p{  
    color:rgb(228, 164, 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(228, 164, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 164, 128) }
```

Border

The CSS property to change the border of an element to Yxy 44.6034, 0.4090, 0.3710 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(228, 164, 128) }
```

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

```
.border{ border-color:rgb(228, 164, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 164, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 164, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 164, 128);  
box-shadow:4px 4px 4px 4px rgb(228, 164,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6034, 0.4090, 0.3710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 164, 128) }
```

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

```
.background{ background-color: rgb(228,  
164, 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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