

Converting Colors

$Yxy(45.9676, 0.4077, 0.3757)$

Have a look what the booklet for
Yxy(45.9676, 0.4077, 0.3757)
contains.

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Color

Yxy(46.0578, 0.4069, 0.3756)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E4A880 |
| RGB | 228, 168, 128 |
| RGB Percent | 89%, 66%, 50% |
| CMY | 0.1058, 0.3412, 0.4982 |
| CMYK | 0.00, 0.26, 0.44, 0.11 |
| HSL | 24°, 65%, 70% |
| HSV | 24°, 44%, 89% |
| XYZ | 49.8959, 46.0578, 26.6709 |
| YIQ | 181.3800, 48.6000, 0.2800 |

Conversions

Conversions Part 2

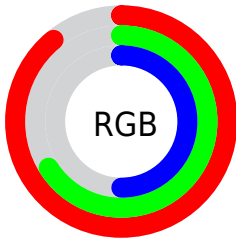
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 228, 195, 128 |
| Decimal | 14985344 |
| CIE Lab | 73.58, 17.21, 29.32 |
| CIE LCh | 74, 33.996, 59.580 |
| Yxy | 46.0578, 0.4069, 0.3756 |
| Android (android.graphics.Color) | 4293175424 (0xFFE4A880) |
| YUV | 181.3800, -26.3163, 40.8857 |
| Hunter-Lab | 67.8659, 12.4704, 24.2055 |

Details

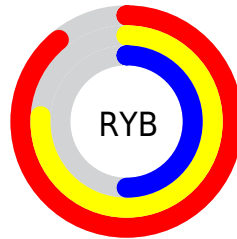
The Yxy color **46.0578, 0.4069, 0.3756** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **46.1484, 0.2445, 0.2760**, and the grayscale version is **46.5508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.3715, 0.3653, 0.3720**, and **21.5869, 0.4330, 0.3863** is the 20% darker color. If you saturate the color by 10%, you get **40.7381, 0.4366, 0.3852**, and if you desaturate by 10%, it is **52.0481, 0.3802, 0.3649**.

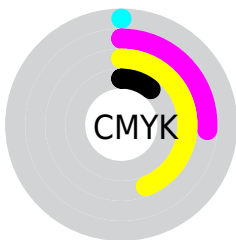
Distribution



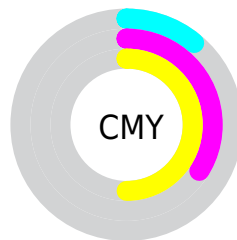
- Red (89%)
- Green (66%)
- Blue (50%)



- Red (89%)
- Yellow (76%)
- Blue (50%)



- Cyan (0%)
- Magenta (26%)
- Yellow (44%)
- Black (11%)




- Cyan (11%)
- Magenta (34%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.0578, 0.4069, 0.3756 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 46.0578, 0.4069, 0.3756 by changing the saturation by 10% instead.


 46.0578, 0.4069,
0.3756


 46.0578, 0.4069,
0.3756


371.0410, 0.3596,
0.3542


 32.2914, 0.4185,
0.3802


 84.3055, 0.3898,
0.3684

 21.5842, 0.4333,
0.3856


 109.5556, 0.3833,
0.3655

 13.5517, 0.4524,
0.3918


 139.4024, 0.3779,
0.3630

 7.8095, 0.4781,
0.3987

174.2304, 0.3732,
0.3608

 3.9733, 0.5139,
0.4052

214.4238, 0.3691,
0.3588

 1.6586, 0.5815,
0.4185

260.3671, 0.3656,

 0.3967, 0.6678,

0.3571

0.3322

312.4447, 0.3624,
0.3556

0.0000, 0.0000,
0.0000

46.0578, 0.4069,
0.3756

46.0578, 0.4069,
0.3756

40.7381, 0.4366,
0.3852

52.0481, 0.3802,
0.3649

36.0568, 0.4684,
0.3927

58.7263, 0.3567,
0.3539

31.9887, 0.5009,
0.3967

66.1171, 0.3363,
0.3431

28.5037, 0.5316,
0.3960

74.2422, 0.3188,
0.3328

25.5683, 0.5580,
0.3898

83.1220, 0.3038,
0.3232

■ 24.0195, 0.5719,
0.3841

■ 92.1303, 0.2963,
0.3240

■ 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.



46.0578, 0.4011, 0.3382



46.0578, 0.4069, 0.3756



46.0578, 0.3857, 0.4051

Triad

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



46.0578, 0.4069, 0.3756



46.0578, 0.2571, 0.3566



46.0578, 0.2754, 0.2550

Complementary

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



46.0578, 0.4069, 0.3756



46.1484, 0.2445, 0.2760

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.



46.0578, 0.2416, 0.2547



46.0578, 0.4069, 0.3756



46.0578, 0.2316, 0.3094

Square

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



46.0578, 0.4069, 0.3756



46.0578, 0.2983, 0.3978



46.0578, 0.2263, 0.2730



46.0578, 0.3218, 0.2718

Rectangle

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



46.0578, 0.4069, 0.3756



46.0578, 0.3603, 0.4148



46.0578, 0.2263, 0.2730



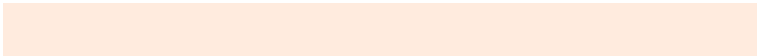
46.0578, 0.2623, 0.2529

Sweetspot

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



46.0600, 0.4069, 0.3756



86.0082, 0.3348, 0.3422



35.5574, 0.3582, 0.2610



17.9356, 0.3390, 0.3446



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.



46.0600, 0.4069, 0.3756



52.8569, 0.4349, 0.3848



68.2030, 0.3822, 0.4275



15.3097, 0.3282, 0.3385



14.0849, 0.5692, 0.3863



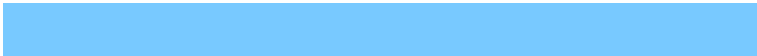
1.2186, 0.5425, 0.4074

Inverse Universe

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



46.1484, 0.2445, 0.2760



52.9390, 0.2310, 0.2621



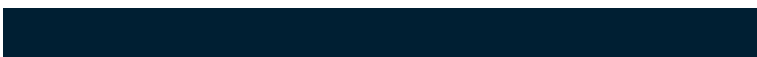
28.3583, 0.2326, 0.2062



15.3180, 0.2981, 0.3194



13.7656, 0.1869, 0.1927



1.1979, 0.1930, 0.2146

Previews

White Background



This preview shows how the Yxy color 46.0578, 0.4069, 0.3756 looks on a white background.

Color Contrast Check

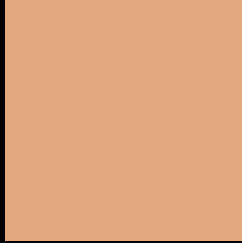
Large Text (above 18pt) WCAG AA × Fail

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 46.0578, 0.4069, 0.3756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

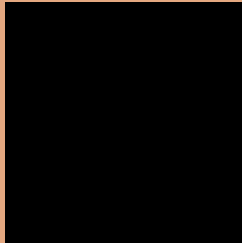
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.0578, 0.4069, 0.3756

Background



This preview shows how black text looks on a background with the Yxy color 46.0578, 0.4069, 0.3756.



This preview shows how white text looks on a background with the Yxy color 46.0578, 0.4069, 0.3756.

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

46.0578, 0.4069, 0.3756

Protanopia

46.2383, 0.3634, 0.3901

Deuteranopia

46.0184, 0.3938, 0.3848



Tritanopia

46.0525, 0.3688, 0.3155

Trichromacy



Original Color

46.0578, 0.4069, 0.3756

Protanomaly

45.8384, 0.3785, 0.3843

Deuteranomaly

45.8738, 0.3986, 0.3817

Tritanomaly

45.9742, 0.3838, 0.3373

Monochromacy



Original Color

46.0578, 0.4069, 0.3756

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.6651, 0.3445, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0578, 0.4069, 0.3756 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, 168, 128)` looks like.

```
.text, #text, p{  
    color:rgb(228, 168, 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, 168, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 168, 128) }
```

Border

The CSS property to change the border of an element to Yxy 46.0578, 0.4069, 0.3756 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, 168, 128) }
```

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

```
.border{ border-color:rgb(228, 168, 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, 168, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 168, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 168, 128);  
box-shadow:4px 4px 4px 4px rgb(228, 168,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0578, 0.4069, 0.3756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 168, 128) }
```

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

```
.background{ background-color: rgb(228,  
168, 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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