

Converting Colors

$Y_{xy}(48.1886, 0.4037, 0.3721)$

Have a look what the booklet for
Yxy(48.1886, 0.4037, 0.3721)
contains.

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Color

Yxy(48.0029, 0.4035, 0.3715)

Conversions

Conversions Part 1

Format	Color
Hex	E8AB86
RGB	232, 171, 134
RGB Percent	91%, 67%, 53%
CMY	0.0903, 0.3293, 0.4745
CMYK	0.00, 0.26, 0.42, 0.09
HSL	23°, 68%, 72%
HSV	23°, 42%, 91%
XYZ	52.1377, 48.0029, 29.0731
YIQ	185.0210, 48.2330, 1.4250

Conversions

Conversions Part 2

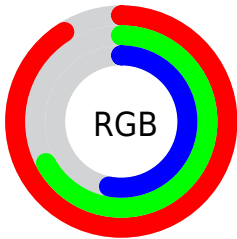
Format	Color
R _Y B	232, 193, 134
Decimal	15248262
CIE Lab	74.83, 17.80, 27.81
CIE LCh	75, 33.022, 57.372
Yxy	48.0029, 0.4035, 0.3715
Android (android.graphics.Color)	4293438342 (0xFFE8AB86)
YUV	185.0210, -25.1534, 41.2006
Hunter-Lab	69.2841, 13.0777, 23.6195

Details

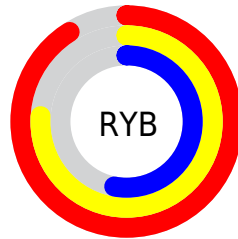
The Yxy color **48.0029, 0.4035, 0.3715** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **49.9038, 0.2474, 0.2812**, and the grayscale version is **48.6513, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2406, 0.3602, 0.3688**, and **22.8324, 0.4281, 0.3810** is the 20% darker color. If you saturate the color by 10%, you get **42.2686, 0.4335, 0.3808**, and if you desaturate by 10%, it is **54.4792, 0.3767, 0.3613**.

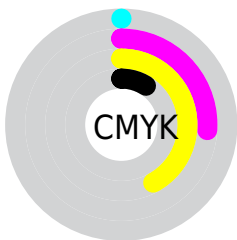
Distribution



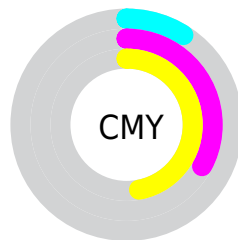
- Red (91%)
- Green (67%)
- Blue (53%)



- Red (91%)
- Yellow (76%)
- Blue (53%)



- Cyan (0%)
- Magenta (26%)
- Yellow (42%)
- Black (9%)



- Cyan (9%)
- Magenta (33%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.0029, 0.4035, 0.3715 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 48.0029, 0.4035, 0.3715 by changing the saturation by 10% instead.

 48.0029, 0.4035,
0.3715

 48.0029, 0.4035,
0.3715


378.8036, 0.3582,
0.3521


 33.8292, 0.4146,
0.3756


 87.2087, 0.3871,
0.3650

 22.7624, 0.4287,
0.3805


 113.0096, 0.3810,
0.3624

 14.4182, 0.4470,
0.3862


 143.4550, 0.3757,
0.3601

 8.4121, 0.4716,
0.3925

178.9293, 0.3712,
0.3581

 4.3597, 0.5056,
0.3984

219.8170, 0.3673,
0.3563

 1.8768, 0.5809,
0.4191

266.5023, 0.3639,

 0.5344, 0.6392,

0.3548

0.3608

319.3697, 0.3609,
0.3534

0.0000, 0.0000,
0.0000

48.0029, 0.4035,
0.3715

48.0029, 0.4035,
0.3715

42.2686, 0.4335,
0.3808

54.4792, 0.3767,
0.3613

37.2408, 0.4661,
0.3882

61.7173, 0.3534,
0.3508

32.8915, 0.4997,
0.3923

69.7446, 0.3333,
0.3407

29.1873, 0.5320,
0.3920

78.5853, 0.3162,
0.3311

26.0911, 0.5601,
0.3863

88.2623, 0.3016,
0.3221

■ 24.0721, 0.5783,
0.3790

■ 95.8908, 0.2987,
0.3290

Harmonies

Analogous

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



48.0029, 0.3958, 0.3353



48.0029, 0.4035, 0.3715



48.0029, 0.3851, 0.4005

Triad

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



48.0029, 0.4035, 0.3715



48.0029, 0.2618, 0.3588



48.0029, 0.2740, 0.2572

Complementary

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



48.0029, 0.4035, 0.3715



49.9038, 0.2474, 0.2812

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.



48.0029, 0.2427, 0.2583



48.0029, 0.4035, 0.3715



48.0029, 0.2359, 0.3135

Square

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



48.0029, 0.4035, 0.3715



48.0029, 0.3024, 0.3968



48.0029, 0.2293, 0.2774



48.0029, 0.3180, 0.2723

Rectangle

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



48.0029, 0.4035, 0.3715



48.0029, 0.3615, 0.4106



48.0029, 0.2293, 0.2774



48.0029, 0.2618, 0.2557

Sweetspot

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



48.0052, 0.4035, 0.3715



85.5853, 0.3349, 0.3415



38.1902, 0.3525, 0.2601



17.8318, 0.3392, 0.3437



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.



48.0052, 0.4035, 0.3715



53.0450, 0.4305, 0.3800



69.4872, 0.3810, 0.4211



15.2559, 0.3283, 0.3379



13.5914, 0.5754, 0.3813



1.1787, 0.5480, 0.4031

Inverse Universe

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



49.9038, 0.2474, 0.2812



55.6531, 0.2345, 0.2689



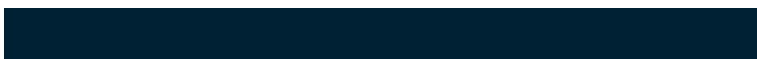
31.7816, 0.2366, 0.2158



15.3734, 0.2981, 0.3199



14.6159, 0.1891, 0.2006



1.2576, 0.1948, 0.2214

Previews

White Background



This preview shows how the Yxy color 48.0029, 0.4035, 0.3715 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 48.0029, 0.4035, 0.3715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

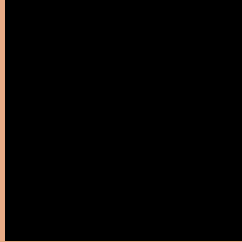
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.0029, 0.4035, 0.3715

Background



This preview shows how black text looks on a background with the Yxy color 48.0029, 0.4035, 0.3715.



This preview shows how white text looks on a background with the Yxy color 48.0029, 0.4035, 0.3715.

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

48.0029, 0.4035, 0.3715

Protanopia

48.0447, 0.3602, 0.3854

Deuteranopia

48.1978, 0.3894, 0.3817



Tritanopia

47.9575, 0.3679, 0.3146

Trichromacy



Original Color

48.0029, 0.4035, 0.3715

Protanomaly

47.7768, 0.3758, 0.3797

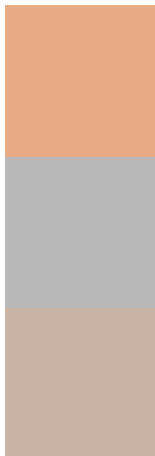
Deuteranomaly

48.2007, 0.3950, 0.3785

Tritanomaly

47.9082, 0.3817, 0.3349

Monochromacy



Original Color

48.0029, 0.4035, 0.3715

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.9522, 0.3438, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0029, 0.4035, 0.3715 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(232, 171, 134)` looks like.

```
.text, #text, p{  
    color:rgb(232, 171, 134)  
}
```

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(232, 171, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 171, 134) }
```

Border

The CSS property to change the border of an element to Yxy 48.0029, 0.4035, 0.3715 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(232, 171, 134) }
```

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

```
.border{ border-color:rgb(232, 171, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 171, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 171, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 171, 134);  
box-shadow:4px 4px 4px 4px rgb(232, 171,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0029, 0.4035, 0.3715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 171, 134) }
```

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

```
.background{ background-color: rgb(232,  
171, 134) }
```

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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