

Converting Colors

$Yxy(47.4139, 0.4202, 0.4036)$

Have a look what the booklet for
Yxy(47.4139, 0.4202, 0.4036)
contains.

Yxy(47.3007, 0.4204, 0.4031)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.3007, 0.4204, 0.4031)

Conversions

Conversions Part 1

Format	Color
Hex	E3AD6C
RGB	227, 173, 108
RGB Percent	89%, 68%, 42%
CMY	0.1098, 0.3216, 0.5766
CMYK	0.00, 0.24, 0.52, 0.11
HSL	33°, 68%, 66%
HSV	33°, 52%, 89%
XYZ	49.3307, 47.3007, 20.7109
YIQ	181.7360, 53.0490, -8.7670

Conversions

Conversions Part 2

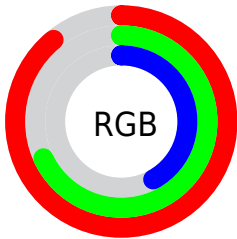
Format	Color
R _Y B	207, 227, 108
Decimal	14921068
CIE Lab	74.38, 12.24, 40.81
CIE LCh	74, 42.606, 73.302
Yxy	47.3007, 0.4204, 0.4031
Android (android.graphics.Color)	4293111148 (0xFFE3AD6C)
YUV	181.7360, -36.3518, 39.6965
Hunter-Lab	68.7755, 7.6759, 30.2884

Details

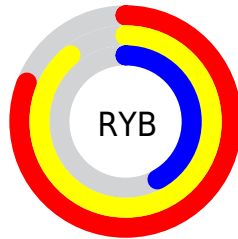
The Yxy color **47.3007, 0.4204, 0.4031** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **34.5702, 0.2271, 0.2382**, and the grayscale version is **46.8084, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.3200, 0.3775, 0.3970**, and **22.4152, 0.4484, 0.4194** is the 20% darker color. If you saturate the color by 10%, you get **43.0817, 0.4460, 0.4143**, and if you desaturate by 10%, it is **51.9547, 0.3957, 0.3897**.

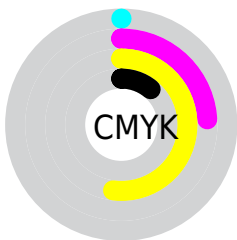
Distribution



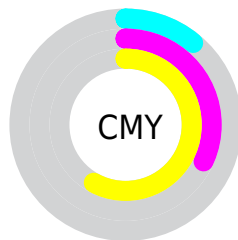
- Red (89%)
- Green (68%)
- Blue (42%)



- Red (81%)
- Yellow (89%)
- Blue (42%)



- Cyan (0%)
- Magenta (24%)
- Yellow (52%)
- Black (11%)



- Cyan (11%)
- Magenta (32%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.3007, 0.4204, 0.4031 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 47.3007, 0.4204, 0.4031 by changing the saturation by 10% instead.


 47.3007, 0.4204,
0.4031

 47.3007, 0.4204,
0.4031


376.0135, 0.3675,
0.3690


 33.2734, 0.4328,
0.4103


 86.1623, 0.4017,
0.3916

 22.3360, 0.4481,
0.4187

 111.7654, 0.3945,
0.3870

 14.1040, 0.4671,
0.4281


 141.9960, 0.3883,
0.3830

 8.1930, 0.4908,
0.4381

 177.2383, 0.3830,
0.3795

 4.2187, 0.5332,
0.4575

217.8768, 0.3784,
0.3764

 1.7966, 0.5541,
0.4459

264.2959, 0.3744,

 0.4851, 0.6104,

0.3737

0.3896

316.8800, 0.3708,
0.3712

0.0000, 0.0000,
0.0000

47.3007, 0.4204,
0.4031

47.3007, 0.4204,
0.4031

43.0817, 0.4460,
0.4143

51.9547, 0.3957,
0.3897

39.2739, 0.4714,
0.4221

57.0523, 0.3727,
0.3752

35.8612, 0.4951,
0.4252

62.6104, 0.3518,
0.3605

32.8223, 0.5156,
0.4230

68.6425, 0.3330,
0.3460

30.7501, 0.5289,
0.4182

75.1618, 0.3164,
0.3322

■ 82.1805, 0.3019,
0.3193

■ 88.9210, 0.2956,
0.3190

■ 95.0728, 0.2958,
0.3290

Harmonies

Analogous

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



47.3007, 0.4302, 0.3597



47.3007, 0.4204, 0.4031



47.3007, 0.3810, 0.4327

Triad

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



47.3007, 0.4204, 0.4031



47.3007, 0.2271, 0.3349



47.3007, 0.2910, 0.2465

Complementary

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



47.3007, 0.4204, 0.4031



34.5702, 0.2271, 0.2382

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.



47.3007, 0.2419, 0.2362



47.3007, 0.4204, 0.4031



47.3007, 0.2079, 0.2805

Square

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



47.3007, 0.4204, 0.4031



47.3007, 0.2691, 0.3947



47.3007, 0.2132, 0.2468



47.3007, 0.3513, 0.2741

Rectangle

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



47.3007, 0.4204, 0.4031



47.3007, 0.3448, 0.4368



47.3007, 0.2132, 0.2468



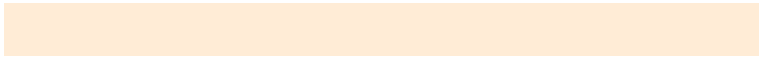
47.3007, 0.2727, 0.2409

Sweetspot

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



47.3030, 0.4204, 0.4031



86.3973, 0.3396, 0.3513



29.7168, 0.3911, 0.2659



18.1436, 0.3435, 0.3543



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.



47.3030, 0.4204, 0.4031



55.5742, 0.4485, 0.4152



71.7218, 0.3857, 0.4563



15.6663, 0.3279, 0.3418



18.1678, 0.5269, 0.4199



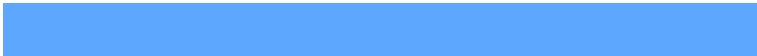
1.5277, 0.5069, 0.4357

Inverse Universe

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



34.5702, 0.2271, 0.2382



37.3448, 0.2104, 0.2149



19.7087, 0.2145, 0.1632



14.9589, 0.2981, 0.3158



9.1182, 0.1731, 0.1431



0.8574, 0.1808, 0.1710

Previews

White Background



This preview shows how the Yxy color 47.3007, 0.4204, 0.4031 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 47.3007, 0.4204, 0.4031 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 47.3007, 0.4204, 0.4031

Background



This preview shows how black text looks on a background with the Yxy color 47.3007, 0.4204, 0.4031.



This preview shows how white text looks on a background with the Yxy color 47.3007, 0.4204, 0.4031.

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

47.3007, 0.4204, 0.4031

Protanopia

47.3162, 0.3860, 0.4182

Deuteranopia

47.4306, 0.4154, 0.4065



Tritanopia

47.4082, 0.3660, 0.3155

Trichromacy



Original Color

47.3007, 0.4204, 0.4031

Protanomaly

47.0895, 0.3984, 0.4117

Deuteranomaly

47.2021, 0.4169, 0.4051

Tritanomaly

47.2612, 0.3871, 0.3477

Monochromacy



Original Color

47.3007, 0.4204, 0.4031

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.6125, 0.3498, 0.3598

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3007, 0.4204, 0.4031 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(227, 173, 108)` looks like.

```
.text, #text, p{  
    color:rgb(227, 173, 108)  
}
```

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(227, 173, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 173, 108) }
```

Border

The CSS property to change the border of an element to Yxy 47.3007, 0.4204, 0.4031 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(227, 173, 108) }
```

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

```
.border{ border-color:rgb(227, 173, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 173, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 173, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 173, 108);  
box-shadow:4px 4px 4px 4px rgb(227, 173,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3007, 0.4204, 0.4031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 173, 108) }
```

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

```
.background{ background-color: rgb(227,  
173, 108) }
```

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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