

Converting Colors

$Yxy(47.9209, 0.4048, 0.4009)$

Have a look what the booklet for
Yxy(47.9209, 0.4048, 0.4009)
contains.

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Color

Yxy(47.9209, 0.4048, 0.4009)

Conversions

Conversions Part 1

Format	Color
Hex	DCB174
RGB	220, 177, 116
RGB Percent	86%, 69%, 45%
CMY	0.1373, 0.3058, 0.5451
CMYK	0.00, 0.20, 0.47, 0.14
HSL	35°, 60%, 66%
HSV	35°, 47%, 86%
XYZ	48.3871, 47.9209, 23.2253
YIQ	182.9030, 45.2090, -9.8550

Conversions

Conversions Part 2

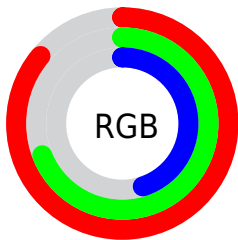
Format	Color
RYB	189, 220, 116
Decimal	14463348
CIELab	74.78, 7.97, 37.01
CIELCh	75, 37.858, 77.850
Yxy	47.9209, 0.4048, 0.4009
Android (android.graphics.Color)	4292653428 (0xFFDCB174)
YUV	182.9030, -32.9832, 32.5341
Hunter-Lab	69.2249, 3.6249, 28.5653

Details

The Yxy color **47.9209, 0.4048, 0.4009** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.6721, 0.2345, 0.2428**, and the grayscale version is **47.4648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.4024, 0.3705, 0.3937**, and **22.8471, 0.4290, 0.4185** is the 20% darker color. If you saturate the color by 10%, you get **43.9969, 0.4286, 0.4143**, and if you desaturate by 10%, it is **52.2101, 0.3820, 0.3859**.

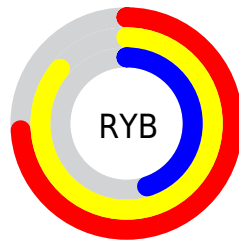
Distribution



Red (86%)

Green (69%)

Blue (45%)



Red (74%)

Yellow (86%)

Blue (45%)

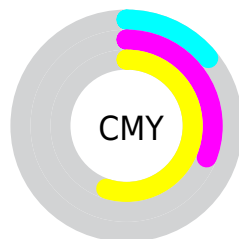


Cyan (0%)

Magenta (20%)

Yellow (47%)

Black (14%)



Cyan (14%)


Magenta (31%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.9209, 0.4048, 0.4009 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 47.9209, 0.4048, 0.4009 by changing the saturation by 10% instead.


 47.9209, 0.4048,
0.4009


 47.9209, 0.4048,
0.4009


378.4785, 0.3596,
0.3670


 33.7643, 0.4155,
0.4085


 87.0866, 0.3887,
0.3892

 22.7125, 0.4287,
0.4175


 112.8645, 0.3826,
0.3846

 14.3814, 0.4454,
0.4284


 143.2849, 0.3773,
0.3806

 8.3864, 0.4666,
0.4410

178.7322, 0.3728,
0.3772

 4.3432, 0.4986,
0.4592

219.5908, 0.3689,
0.3742

 1.8673, 0.5310,
0.4690

266.2451, 0.3654,

 0.5286, 0.5687,

0.3715

0.4313

319.0796, 0.3623,
0.3691

0.0000, 0.0000,
0.0000

47.9209, 0.4048,
0.4009

47.9209, 0.4048,
0.4009

43.9969, 0.4286,
0.4143

52.2101, 0.3820,
0.3859

40.4178, 0.4525,
0.4249

56.8699, 0.3608,
0.3702

37.1714, 0.4753,
0.4314


61.9141, 0.3414,
0.3546

34.2413, 0.4956,
0.4330

67.3538, 0.3241,
0.3395

31.6068, 0.5125,
0.4293

73.1991, 0.3087,
0.3252

 30.9298, 0.5169,
0.4278

 79.4602, 0.2951,
0.3118

 85.1422, 0.2913,
0.3142

 90.6502, 0.2916,
0.3236

 93.9534, 0.2917,
0.3289

Harmonies

Analogous

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



47.9209, 0.4175, 0.3637



47.9209, 0.4048, 0.4009



47.9209, 0.3672, 0.4228

Triad

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



47.9209, 0.4048, 0.4009



47.9209, 0.2324, 0.3267



47.9209, 0.3016, 0.2577

Complementary

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



47.9209, 0.4048, 0.4009



33.6721, 0.2345, 0.2428

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.



47.9209, 0.2552, 0.2460



47.9209, 0.4048, 0.4009



47.9209, 0.2181, 0.2807

Square

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



47.9209, 0.4048, 0.4009



47.9209, 0.2676, 0.3793



47.9209, 0.2261, 0.2530



47.9209, 0.3551, 0.2849

Rectangle

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



47.9209, 0.4048, 0.4009



47.9209, 0.3341, 0.4224



47.9209, 0.2261, 0.2530



47.9209, 0.2847, 0.2519

Sweetspot

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



47.9232, 0.4048, 0.4009



88.8544, 0.3358, 0.3498



30.2217, 0.3863, 0.2777



18.6722, 0.3397, 0.3531



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.



47.9232, 0.4048, 0.4009



61.3740, 0.4291, 0.4145



66.3366, 0.3753, 0.4469



14.3146, 0.3277, 0.3427



18.3796, 0.5150, 0.4293



1.3591, 0.4952, 0.4450

Inverse Universe

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



33.6721, 0.2345, 0.2428



39.1597, 0.2177, 0.2199



21.9956, 0.2297, 0.1832



13.4969, 0.2982, 0.3149



7.6249, 0.1697, 0.1310



0.6613, 0.1787, 0.1633

Previews

White Background



This preview shows how the Yxy color 47.9209, 0.4048, 0.4009 looks on a white background.

Color Contrast Check

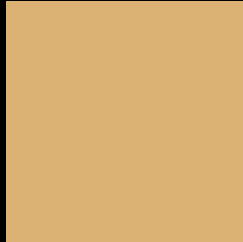
Large Text (above 18pt) WCAG AA × Fail

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 47.9209, 0.4048, 0.4009 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 47.9209, 0.4048, 0.4009

Background



This preview shows how black text looks on a background with the Yxy color 47.9209, 0.4048, 0.4009.



This preview shows how white text looks on a background with the Yxy color 47.9209, 0.4048, 0.4009.

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

47.9209, 0.4048, 0.4009

Protanopia

47.8922, 0.3800, 0.4109

Deuteranopia

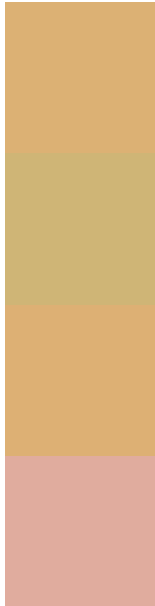
47.8412, 0.4073, 0.3992



Tritanopia

47.9221, 0.3539, 0.3141

Trichromacy



Original Color

47.9209, 0.4048, 0.4009

Protanomaly

47.6212, 0.3888, 0.4067

Deuteranomaly

47.6838, 0.4063, 0.3995

Tritanomaly

47.8210, 0.3735, 0.3457

Monochromacy



Original Color

47.9209, 0.4048, 0.4009

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.2867, 0.3441, 0.3573

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9209, 0.4048, 0.4009 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(220, 177, 116)` looks like.

```
.text, #text, p{  
    color:rgb(220, 177, 116)  
}
```

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(220, 177, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 177, 116) }
```

Border

The CSS property to change the border of an element to Yxy 47.9209, 0.4048, 0.4009 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(220, 177, 116) }
```

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

```
.border{ border-color:rgb(220, 177, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 177, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 177, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 177, 116);  
box-shadow:4px 4px 4px 4px rgb(220, 177,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9209, 0.4048, 0.4009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 177, 116) }
```

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

```
.background{ background-color: rgb(220,  
177, 116) }
```

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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