

Converting Colors

$Yxy(47.9856, 0.4105, 0.4031)$

Have a look what the booklet for
Yxy(47.9856, 0.4105, 0.4031)
contains.

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Color

Yxy(47.9309, 0.4107, 0.4022)

Conversions

Conversions Part 1

Format	Color
Hex	DFB071
RGB	223, 176, 113
RGB Percent	87%, 69%, 44%
CMY	0.1254, 0.3098, 0.5568
CMYK	0.00, 0.21, 0.49, 0.13
HSL	34°, 63%, 66%
HSV	34°, 49%, 87%
XYZ	48.9439, 47.9309, 22.2970
YIQ	182.8710, 48.2350, -9.6290

Conversions

Conversions Part 2

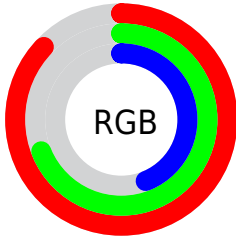
Format	Color
RYB	195, 223, 113
Decimal	14659697
CIELab	74.78, 9.47, 38.63
CIElCh	75, 39.777, 76.232
Yxy	47.9309, 0.4107, 0.4022
Android (android.graphics.Color)	4292849777 (0xFFDFB071)
YUV	182.8710, -34.4464, 35.1931
Hunter-Lab	69.2321, 5.0348, 29.3674

Details

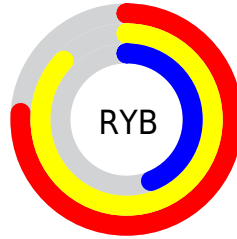
The Yxy color **47.9309, 0.4107, 0.4022** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.9965, 0.2314, 0.2405**, and the grayscale version is **47.4546, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7264, 0.3728, 0.3958**, and **22.7735, 0.4354, 0.4198** is the 20% darker color. If you saturate the color by 10%, you get **43.8825, 0.4351, 0.4148**, and if you desaturate by 10%, it is **52.3699, 0.3872, 0.3878**.

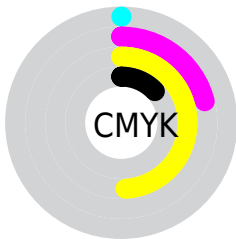
Distribution



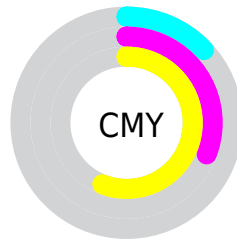
- Red (87%)
- Green (69%)
- Blue (44%)



- Red (76%)
- Yellow (87%)
- Blue (44%)



- Cyan (0%)
- Magenta (21%)
- Yellow (49%)
- Black (13%)





- Cyan (13%)
- Magenta (31%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.9309, 0.4107, 0.4022 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 47.9309, 0.4107, 0.4022 by changing the saturation by 10% instead.


 47.9309, 0.4107,
0.4022

 47.9309, 0.4107,
0.4022


378.5182, 0.3626,
0.3680

 33.7722, 0.4220,
0.4097


 87.1015, 0.3937,
0.3905

 22.7186, 0.4360,
0.4185


 112.8822, 0.3871,
0.3859

 14.3859, 0.4535,
0.4290


 143.3056, 0.3815,
0.3819

 8.3895, 0.4756,
0.4407

 178.7562, 0.3767,
0.3784

 4.3452, 0.5107,
0.4591

219.6184, 0.3725,
0.3753

 1.8685, 0.5389,
0.4611

266.2765, 0.3688,

 0.5293, 0.5811,

0.3726

0.4189

319.1150, 0.3656,
0.3701

0.0000, 0.0000,
0.0000

47.9309, 0.4107,
0.4022

47.9309, 0.4107,
0.4022

43.8825, 0.4351,
0.4148

52.3699, 0.3872,
0.3878

40.2034, 0.4596,
0.4243

57.2061, 0.3653,
0.3725

36.8797, 0.4826,
0.4296


62.4544, 0.3454,
0.3572

33.8933, 0.5030,
0.4297


68.1268, 0.3276,
0.3422


31.2182, 0.5200,
0.4248

74.2345, 0.3117,
0.3281

 31.0480, 0.5211,
0.4244

 80.7882, 0.2977,
0.3148

 86.8547, 0.2932,
0.3165

 92.7021, 0.2934,
0.3262

 94.4322, 0.2935,
0.3289

Harmonies

Analogous

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



47.9309, 0.4225, 0.3626



47.9309, 0.4107, 0.4022



47.9309, 0.3722, 0.4270

Triad

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



47.9309, 0.4107, 0.4022



47.9309, 0.2300, 0.3294



47.9309, 0.2979, 0.2535

Complementary

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



47.9309, 0.4107, 0.4022



33.9965, 0.2314, 0.2405

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.



47.9309, 0.2503, 0.2421



47.9309, 0.4107, 0.4022



47.9309, 0.2140, 0.2802

Square

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



47.9309, 0.4107, 0.4022



47.9309, 0.2677, 0.3848



47.9309, 0.2211, 0.2504



47.9309, 0.3542, 0.2810

Rectangle

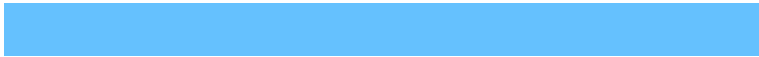
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.9309, 0.4107, 0.4022



47.9309, 0.3378, 0.4280



47.9309, 0.2211, 0.2504



47.9309, 0.2805, 0.2477

Sweetspot

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



47.9332, 0.4107, 0.4022



87.7840, 0.3377, 0.3508



30.0667, 0.3889, 0.2735



18.4449, 0.3415, 0.3540



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.



47.9332, 0.4107, 0.4022



59.3942, 0.4354, 0.4149



68.5340, 0.3791, 0.4510



14.9968, 0.3278, 0.3424



18.4797, 0.5191, 0.4260



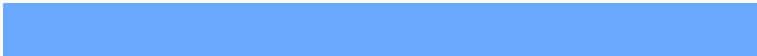
1.4575, 0.4996, 0.4415

Inverse Universe

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



33.9965, 0.2314, 0.2405



38.5225, 0.2152, 0.2182



21.1593, 0.2239, 0.1753



14.2019, 0.2981, 0.3152



8.1944, 0.1709, 0.1351



0.7430, 0.1793, 0.1653

Previews

White Background



This preview shows how the Yxy color 47.9309, 0.4107, 0.4022 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 47.9309, 0.4107, 0.4022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

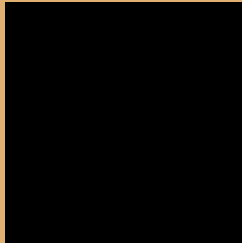
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.9309, 0.4107, 0.4022

Background



This preview shows how black text looks on a background with the Yxy color 47.9309, 0.4107, 0.4022.



This preview shows how white text looks on a background with the Yxy color 47.9309, 0.4107, 0.4022.

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

47.9309, 0.4107, 0.4022

Protanopia

47.9594, 0.3833, 0.4142

Deuteranopia

47.9309, 0.4107, 0.4022



Tritanopia

47.9995, 0.3578, 0.3142

Trichromacy



Original Color

47.9309, 0.4107, 0.4022

Protanomaly

47.8409, 0.3931, 0.4096

Deuteranomaly

47.9309, 0.4107, 0.4022

Tritanomaly

47.8570, 0.3785, 0.3467

Monochromacy



Original Color

47.9309, 0.4107, 0.4022

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.1169, 0.3470, 0.3571

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9309, 0.4107, 0.4022 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(223, 176, 113)` looks like.

```
.text, #text, p{  
    color:rgb(223, 176, 113)  
}
```

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(223, 176, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 176, 113) }
```

Border

The CSS property to change the border of an element to Yxy 47.9309, 0.4107, 0.4022 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(223, 176, 113) }
```

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

```
.border{ border-color:rgb(223, 176, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 176, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 176, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 176, 113);  
box-shadow:4px 4px 4px 4px rgb(223, 176,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9309, 0.4107, 0.4022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 176, 113) }
```

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

```
.background{ background-color: rgb(223,  
176, 113) }
```

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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