

Converting Colors

$Yxy(50.9787, 0.3945, 0.4075)$

Have a look what the booklet for
Yxy(50.9787, 0.3945, 0.4075)
contains.

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Color

Yxy(51.2014, 0.3947, 0.4082)

Conversions

Conversions Part 1

Format	Color
Hex	D9BA77
RGB	217, 186, 119
RGB Percent	85%, 73%, 47%
CMY	0.1489, 0.2706, 0.5334
CMYK	0.00, 0.14, 0.45, 0.15
HSL	41°, 56%, 66%
HSV	41°, 45%, 85%
XYZ	49.5081, 51.2014, 24.7227
YIQ	187.6310, 39.9830, -14.2650

Conversions

Conversions Part 2

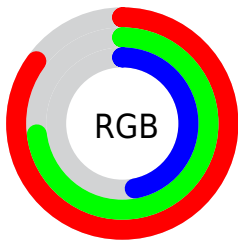
Format	Color
RYB	164, 217, 119
Decimal	14269047
CIELab	76.80, 2.30, 37.99
CIELCh	77, 38.057, 86.542
Yxy	51.2014, 0.3947, 0.4082
Android (android.graphics.Color)	4292459127 (0xFFD9BA77)
YUV	187.6310, -33.8351, 25.7566
Hunter-Lab	71.5552, -1.7197, 29.6036

Details

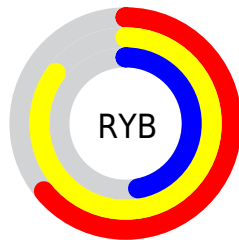
The Yxy color **51.2014, 0.3947, 0.4082** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **30.7490, 0.2356, 0.2334**, and the grayscale version is **50.2495, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7428, 0.3658, 0.3990**, and **24.6783, 0.4147, 0.4272** is the 20% darker color. If you saturate the color by 10%, you get **47.9160, 0.4154, 0.4240**, and if you desaturate by 10%, it is **54.7497, 0.3744, 0.3908**.

Distribution



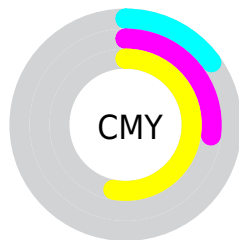
- Red (85%)
- Green (73%)
- Blue (47%)



- Red (64%)
- Yellow (85%)
- Blue (47%)



- Cyan (0%)
- Magenta (14%)
- Yellow (45%)
- Black (15%)





- Cyan (15%)
- Magenta (27%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.2014, 0.3947, 0.4082 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 51.2014, 0.3947, 0.4082 by changing the saturation by 10% instead.


 51.2014, 0.3947,
0.4082

 51.2014, 0.3947,
0.4082


391.3458, 0.3552,
0.3704

 36.3689, 0.4038,
0.4168


 91.9524, 0.3808,
0.3951

 24.7193, 0.4150,
0.4272


 118.6397, 0.3755,
0.3899

 15.8680, 0.4289,
0.4400


 150.0474, 0.3709,
0.3855

 9.4308, 0.4463,
0.4556

186.5599, 0.3669,
0.3817

 5.0232, 0.4695,
0.4760

228.5616, 0.3634,
0.3784

 2.2609, 0.4994,
0.5006

276.4369, 0.3603,

 0.7529, 0.5061,

0.3754

0.4939

330.5701, 0.3576,
0.3728

0.0000, 0.0000,
0.0000

51.2014, 0.3947,
0.4082

51.2014, 0.3947,
0.4082

47.9160, 0.4154,
0.4240

54.7497, 0.3744,
0.3908

44.8762, 0.4356,
0.4371

58.5631, 0.3551,
0.3729

42.0732, 0.4544,
0.4465

62.6527, 0.3371,
0.3550

39.4942, 0.4707,
0.4512


67.0266, 0.3206,
0.3376

37.1240, 0.4840,
0.4508

71.6925, 0.3057,
0.3212

 36.0425, 0.4896,
0.4494

 76.6577, 0.2923,
0.3058

 80.8622, 0.2892,
0.3072

 84.8506, 0.2895,
0.3145

 88.9922, 0.2897,
0.3216

Harmonies

Analogous

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



51.2014, 0.4152, 0.3747



51.2014, 0.3947, 0.4082



51.2014, 0.3527, 0.4227

Triad

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



51.2014, 0.3947, 0.4082



51.2014, 0.2273, 0.3123



51.2014, 0.3170, 0.2652

Complementary

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



51.2014, 0.3947, 0.4082



30.7490, 0.2356, 0.2334

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.



51.2014, 0.2679, 0.2488



51.2014, 0.3947, 0.4082



51.2014, 0.2196, 0.2715

Square

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



51.2014, 0.3947, 0.4082



51.2014, 0.2565, 0.3640



51.2014, 0.2337, 0.2502



51.2014, 0.3687, 0.2955

Rectangle

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



51.2014, 0.3947, 0.4082



51.2014, 0.3190, 0.4160



51.2014, 0.2337, 0.2502



51.2014, 0.2996, 0.2579

Sweetspot

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



51.2038, 0.3947, 0.4082



90.9127, 0.3353, 0.3531



30.1494, 0.3938, 0.2915



19.1751, 0.3391, 0.3570



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.



51.2038, 0.3947, 0.4082



69.3508, 0.4140, 0.4230



63.1170, 0.3649, 0.4453



14.5326, 0.3275, 0.3449



22.0111, 0.4883, 0.4504



1.5782, 0.4744, 0.4615

Inverse Universe

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



30.7490, 0.2356, 0.2334



36.4692, 0.2189, 0.2093



23.5175, 0.2421, 0.1934



13.2864, 0.2981, 0.3126



5.7530, 0.1624, 0.1045



0.5249, 0.1715, 0.1373

Previews

White Background



This preview shows how the Yxy color 51.2014, 0.3947, 0.4082 looks on a white background.

Color Contrast Check

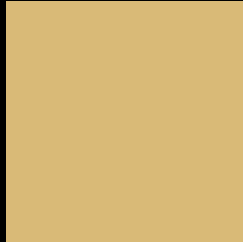
Large Text (above 18pt) WCAG AA × Fail

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 51.2014, 0.3947, 0.4082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

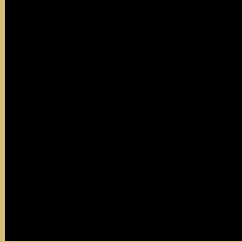
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.2014, 0.3947, 0.4082

Background



This preview shows how black text looks on a background with the Yxy color 51.2014, 0.3947, 0.4082.



This preview shows how white text looks on a background with the Yxy color 51.2014, 0.3947, 0.4082.

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

51.2014, 0.3947, 0.4082

Protanopia

51.4484, 0.3828, 0.4143

Deuteranopia

51.0618, 0.4075, 0.3984



Tritanopia

51.0532, 0.3425, 0.3130

Trichromacy



Original Color

51.2014, 0.3947, 0.4082

Protanomaly

51.6001, 0.3869, 0.4121

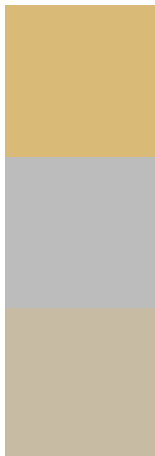
Deuteranomaly

51.2306, 0.4028, 0.4016

Tritanomaly

50.7313, 0.3619, 0.3469

Monochromacy



Original Color

51.2014, 0.3947, 0.4082

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.3271, 0.3421, 0.3592

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2014, 0.3947, 0.4082 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(217, 186, 119)` looks like.

```
.text, #text, p{  
    color:rgb(217, 186, 119)  
}
```

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(217, 186, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 186, 119) }
```

Border

The CSS property to change the border of an element to Yxy 51.2014, 0.3947, 0.4082 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(217, 186, 119) }
```

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

```
.border{ border-color:rgb(217, 186, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 186, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 186, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 186, 119); box-shadow:4px 4px 4px 4px rgb(217, 186, 119) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2014, 0.3947, 0.4082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 186, 119) }
```

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

```
.background{ background-color: rgb(217,  
186, 119) }
```

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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