

Converting Colors

Yxy(52.1303, 0.3893, 0.4029)

Have a look what the booklet for
Yxy(52.1303, 0.3893, 0.4029)
contains.

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Color

Yxy(52.1988, 0.3889, 0.4036)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D9BC7D |
| RGB | 217, 188, 125 |
| RGB Percent | 85%, 74%, 49% |
| CMY | 0.1491, 0.2627, 0.5097 |
| CMYK | 0.00, 0.13, 0.42, 0.15 |
| HSL | 41°, 55%, 67% |
| HSV | 41°, 42%, 85% |
| XYZ | 50.2976, 52.1988, 26.8366 |
| YIQ | 189.4890, 37.5070, -13.4450 |

Conversions

Conversions Part 2

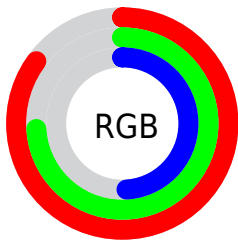
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 167, 217, 125 |
| Decimal | 14269565 |
| CIELab | 77.40, 1.84, 35.64 |
| CIELCh | 77, 35.685, 87.041 |
| Yxy | 52.1988, 0.3889, 0.4036 |
| Android (android.graphics.Color) | 4292459645 (0xFFD9BC7D) |
| YUV | 189.4890, -31.7931, 24.1271 |
| Hunter-Lab | 72.2487, -2.1684, 28.5510 |

Details

The Yxy color **52.1988, 0.3889, 0.4036** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **32.4834, 0.2407, 0.2402**, and the grayscale version is **51.3550, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1757, 0.3614, 0.3949**, and **25.3095, 0.4072, 0.4219** is the 20% darker color. If you saturate the color by 10%, you get **48.8534, 0.4095, 0.4200**, and if you desaturate by 10%, it is **55.8087, 0.3689, 0.3860**.

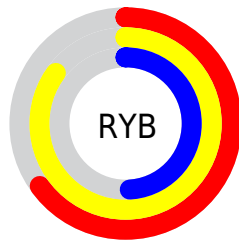
Distribution



Red (85%)

Green (74%)

Blue (49%)



Red (65%)

Yellow (85%)

Blue (49%)

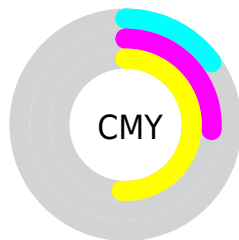


Cyan (0%)

Magenta (13%)

Yellow (42%)

Black (15%)



Cyan (15%)


Magenta (26%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.1988, 0.3889, 0.4036 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 52.1988, 0.3889, 0.4036 by changing the saturation by 10% instead.

 52.1988, 0.3889,
0.4036


 52.1988, 0.3889,
0.4036


395.2036, 0.3522,
0.3680


 37.1636, 0.3974,
0.4118


 93.4244, 0.3760,
0.3911

 25.3342, 0.4079,
0.4218


 120.3835, 0.3710,
0.3863

 16.3262, 0.4211,
0.4342


 152.0860, 0.3667,
0.3822

 9.7553, 0.4377,
0.4496

188.9163, 0.3630,
0.3786

 5.2370, 0.4587,
0.4687

231.2589, 0.3598,
0.3754

 2.3870, 0.4968,
0.5032

279.4980, 0.3570,

 0.8192, 0.5013,

0.3726

0.4987

334.0181, 0.3544,
0.3702

0.0000, 0.0000,
0.0000

52.1988, 0.3889,
0.4036

52.1988, 0.3889,
0.4036

48.8534, 0.4095,
0.4200

55.8087, 0.3689,
0.3860

45.7551, 0.4299,
0.4340

59.6847, 0.3499,
0.3679

42.8957, 0.4491,
0.4446

63.8379, 0.3323,
0.3501

40.2629, 0.4662,
0.4507

68.2762, 0.3163,
0.3329

37.8423, 0.4803,
0.4517

73.0072, 0.3018,
0.3168

■ 36.1224, 0.4892,
0.4497

■ 78.0239, 0.2890,
0.3019

■ 81.8828, 0.2893,
0.3091

■ 85.8923, 0.2895,
0.3163

■ 90.0541, 0.2898,
0.3234

Harmonies

Analogous

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



52.1988, 0.4082, 0.3728



52.1988, 0.3889, 0.4036



52.1988, 0.3496, 0.4161

Triad

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



52.1988, 0.3889, 0.4036



52.1988, 0.2325, 0.3130



52.1988, 0.3176, 0.2695

Complementary

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



52.1988, 0.3889, 0.4036



32.4834, 0.2407, 0.2402

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.



52.1988, 0.2716, 0.2539



52.1988, 0.3889, 0.4036



52.1988, 0.2254, 0.2751

Square

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



52.1988, 0.3889, 0.4036



52.1988, 0.2597, 0.3608



52.1988, 0.2391, 0.2550



52.1988, 0.3657, 0.2983

Rectangle

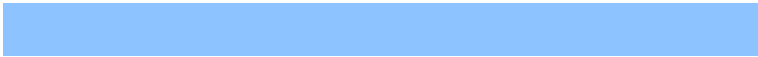
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.1988, 0.3889, 0.4036



52.1988, 0.3181, 0.4092



52.1988, 0.2391, 0.2550



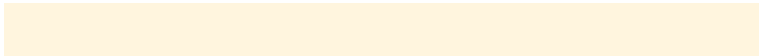
52.1988, 0.3014, 0.2626

Sweetspot

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



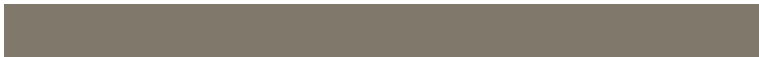
52.2012, 0.3889, 0.4036



91.5619, 0.3336, 0.3514



31.7623, 0.3865, 0.2938



19.3065, 0.3374, 0.3553



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.



52.2012, 0.3889, 0.4036



70.8449, 0.4076, 0.4186



63.3940, 0.3620, 0.4383



14.5358, 0.3275, 0.3450



22.0679, 0.4880, 0.4507



1.5815, 0.4741, 0.4618

Inverse Universe

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



32.4834, 0.2407, 0.2402



38.8216, 0.2242, 0.2170



25.4252, 0.2473, 0.2029



13.2834, 0.2981, 0.3125



5.7304, 0.1623, 0.1041



0.5231, 0.1714, 0.1370

Previews

White Background



This preview shows how the Yxy color 52.1988, 0.3889, 0.4036 looks on a white background.

Color Contrast Check

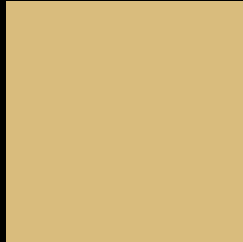
Large Text (above 18pt) WCAG AA × Fail

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 52.1988, 0.3889, 0.4036 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 52.1988, 0.3889, 0.4036

Background



This preview shows how black text looks on a background with the Yxy color 52.1988, 0.3889, 0.4036.



This preview shows how white text looks on a background with the Yxy color 52.1988, 0.3889, 0.4036.

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

52.1988, 0.3889, 0.4036

Protanopia

52.1779, 0.3787, 0.4081

Deuteranopia

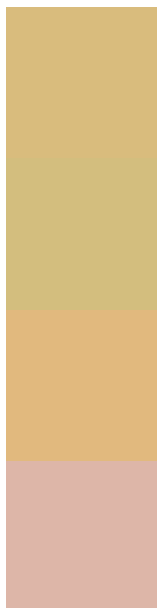
52.1963, 0.4024, 0.3938



Tritanopia

51.9377, 0.3404, 0.3130

Trichromacy



Original Color

52.1988, 0.3889, 0.4036

Protanomaly

52.1822, 0.3818, 0.4062

Deuteranomaly

52.2118, 0.3969, 0.3972

Tritanomaly

51.6552, 0.3587, 0.3456

Monochromacy



Original Color

52.1988, 0.3889, 0.4036

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.2905, 0.3393, 0.3578

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1988, 0.3889, 0.4036 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, 188, 125)` looks like.

```
.text, #text, p{  
    color:rgb(217, 188, 125)  
}
```

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, 188, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 188, 125) }
```

Border

The CSS property to change the border of an element to Yxy 52.1988, 0.3889, 0.4036 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, 188, 125) }
```

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

```
.border{ border-color:rgb(217, 188, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 188, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 188, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 188, 125); box-shadow:4px 4px 4px 4px rgb(217, 188, 125) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1988, 0.3889, 0.4036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 188, 125) }
```

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

```
.background{ background-color: rgb(217,  
188, 125) }
```

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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