

Converting Colors

$Y_{xy}(43.5582, 0.3918, 0.3838)$

Have a look what the booklet for
Yxy(43.5582, 0.3918, 0.3838)
contains.

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Color

Yxy(43.5582, 0.3918, 0.3838)

Conversions

Conversions Part 1

Format	Color
Hex	D2A97D
RGB	210, 169, 125
RGB Percent	82%, 66%, 49%
CMY	0.1765, 0.3372, 0.5098
CMYK	0.00, 0.20, 0.40, 0.18
HSL	31°, 49%, 66%
HSV	31°, 40%, 82%
XYZ	44.4661, 43.5582, 25.4676
YIQ	176.2430, 38.5600, -4.9920

Conversions

Conversions Part 2

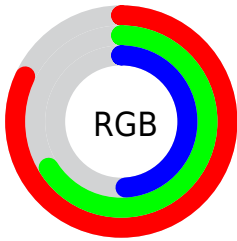
Format	Color
R_{YB}	204, 210, 125
Decimal	13805949
CIE _{Lab}	71.93, 9.13, 28.38
CIE _{LCh}	72, 29.813, 72.162
Yxy	43.5582, 0.3918, 0.3838
Android (android.graphics.Color)	4291996029 (0xFFD2A97D)
YUV	176.2430, -25.2628, 29.6049
Hunter-Lab	65.9986, 4.7656, 23.3202

Details

The Yxy color **43.5582, 0.3918, 0.3838** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.2810, 0.2476, 0.2664**, and the grayscale version is **43.6697, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7857, 0.3671, 0.3761**, and **20.1006, 0.4151, 0.3981** is the 20% darker color. If you saturate the color by 10%, you get **39.4557, 0.4169, 0.3968**, and if you desaturate by 10%, it is **48.0701, 0.3687, 0.3700**.

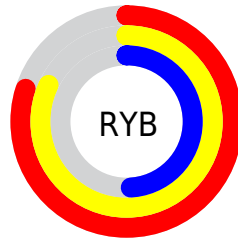
Distribution



Red (82%)

Green (66%)

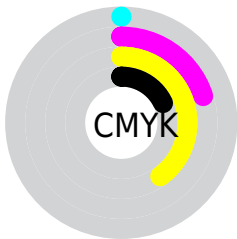
Blue (49%)



Red (80%)

Yellow (82%)

Blue (49%)

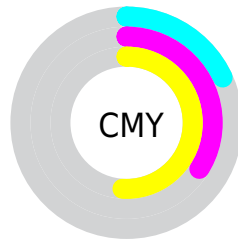


Cyan (0%)

Magenta (20%)

Yellow (40%)

Black (18%)



Cyan (18%)


Magenta (34%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5582, 0.3918, 0.3838 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 43.5582, 0.3918, 0.3838 by changing the saturation by 10% instead.


 43.5582, 0.3918,
0.3838


 43.5582, 0.3918,
0.3838


360.9024, 0.3519,
0.3573


 30.3233, 0.4017,
0.3899


 80.5525, 0.3773,
0.3745

 20.0841, 0.4143,
0.3975


 105.0808, 0.3719,
0.3709

 12.4562, 0.4307,
0.4068


 134.1423, 0.3673,
0.3678

 7.0552, 0.4527,
0.4183

168.1214, 0.3633,
0.3651

 3.4966, 0.4849,
0.4334

207.4026, 0.3599,
0.3628

 1.3962, 0.5420,
0.4580

252.3702, 0.3569,

 0.2139, 0.6659,

0.3608

0.3341

303.4087, 0.3542,
0.3589

0.0000, 0.0000,
0.0000

43.5582, 0.3918,
0.3838

43.5582, 0.3918,
0.3838

39.4557, 0.4169,
0.3968

48.0701, 0.3687,
0.3700

35.7427, 0.4433,
0.4079

52.9981, 0.3480,
0.3560

32.4064, 0.4701,
0.4159

58.3566, 0.3296,
0.3425

29.4305, 0.4956,
0.4196

64.1572, 0.3134,
0.3296

26.7967, 0.5183,
0.4180

70.4111, 0.2993,
0.3176

■ 24.5795, 0.5367,
0.4121

■ 77.1289, 0.2869,
0.3064

■ 83.1771, 0.2852,
0.3132

■ 89.3031, 0.2858,
0.3238

■ 92.4402, 0.2860,
0.3289

Harmonies

Analogous

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



43.5582, 0.3969, 0.3523



43.5582, 0.3918, 0.3838



43.5582, 0.3648, 0.4036

Triad

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



43.5582, 0.3918, 0.3838



43.5582, 0.2511, 0.3359



43.5582, 0.2960, 0.2669

Complementary

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



43.5582, 0.3918, 0.3838



36.2810, 0.2476, 0.2664

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.



43.5582, 0.2598, 0.2602



43.5582, 0.3918, 0.3838



43.5582, 0.2353, 0.2965

Square

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



43.5582, 0.3918, 0.3838



43.5582, 0.2833, 0.3765



43.5582, 0.2384, 0.2699



43.5582, 0.3394, 0.2875

Rectangle

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



43.5582, 0.3918, 0.3838



43.5582, 0.3389, 0.4054



43.5582, 0.2384, 0.2699



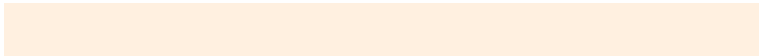
43.5582, 0.2826, 0.2629

Sweetspot

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



43.5603, 0.3918, 0.3838



89.1274, 0.3325, 0.3447



31.1252, 0.3646, 0.2782



18.8367, 0.3349, 0.3464



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.



43.5603, 0.3918, 0.3838



61.7895, 0.4145, 0.3957



61.0624, 0.3717, 0.4289



12.8062, 0.3278, 0.3411



15.1971, 0.5345, 0.4138



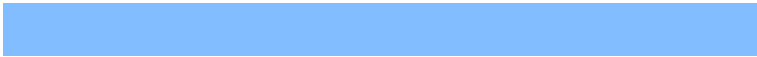
1.0083, 0.5078, 0.4350

Inverse Universe

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



36.2810, 0.2476, 0.2664



48.9285, 0.2330, 0.2492



23.7893, 0.2392, 0.2059



12.3450, 0.2982, 0.3167



8.7468, 0.1759, 0.1531



0.6476, 0.1853, 0.1872

Previews

White Background



This preview shows how the Yxy color 43.5582, 0.3918, 0.3838 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 43.5582, 0.3918, 0.3838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

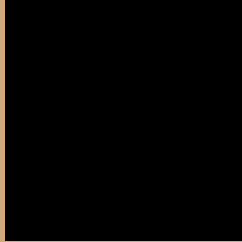
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5582, 0.3918, 0.3838

Background



This preview shows how black text looks on a background with the Yxy color 43.5582, 0.3918, 0.3838.



This preview shows how white text looks on a background with the Yxy color 43.5582, 0.3918, 0.3838.

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

43.5582, 0.3918, 0.3838

Protanopia

43.5563, 0.3666, 0.3928

Deuteranopia

43.5582, 0.3918, 0.3838



Tritanopia

43.3829, 0.3517, 0.3134

Trichromacy



Original Color

43.5582, 0.3918, 0.3838

Protanomaly

43.2898, 0.3755, 0.3889

Deuteranomaly

43.5582, 0.3918, 0.3838

Tritanomaly

43.4907, 0.3662, 0.3390

Monochromacy



Original Color

43.5582, 0.3918, 0.3838

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.0128, 0.3402, 0.3503

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5582, 0.3918, 0.3838 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(210, 169, 125)` looks like.

```
.text, #text, p{  
    color:rgb(210, 169, 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(210, 169, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 169, 125) }
```

Border

The CSS property to change the border of an element to Yxy 43.5582, 0.3918, 0.3838 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(210, 169, 125) }
```

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

```
.border{ border-color:rgb(210, 169, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 169, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 169, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 169, 125); box-shadow:4px 4px 4px 4px rgb(210, 169, 125) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5582, 0.3918, 0.3838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 169, 125) }
```

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

```
.background{ background-color: rgb(210,  
169, 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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