

Converting Colors

Yxy(52.1642, 0.3826, 0.3824)

Have a look what the booklet for
Yxy(52.1642, 0.3826, 0.3824)
contains.

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Color

Yxy(52.1210, 0.3826, 0.3820)

Conversions

Conversions Part 1

Format	Color
Hex	DEB98C
RGB	222, 185, 140
RGB Percent	87%, 73%, 55%
CMY	0.1295, 0.2745, 0.4510
CMYK	0.00, 0.17, 0.37, 0.13
HSL	33°, 55%, 71%
HSV	33°, 37%, 87%
XYZ	52.2029, 52.1210, 32.1185
YIQ	190.9330, 36.4970, -6.1510

Conversions

Conversions Part 2

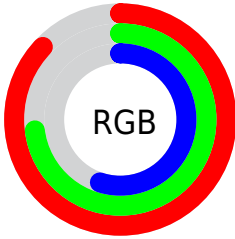
Format	Color
R _Y B	207, 222, 140
Decimal	14596492
CIE Lab	77.35, 7.09, 27.82
CIE LCh	77, 28.706, 75.710
Yxy	52.1210, 0.3826, 0.3820
Android (android.graphics.Color)	4292786572 (0xFFDEB98C)
YUV	190.9330, -25.1100, 27.2458
Hunter-Lab	72.1949, 2.7292, 24.1591

Details

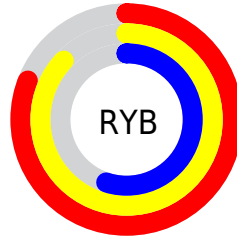
The Yxy color **52.1210, 0.3826, 0.3820** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.2806, 0.2527, 0.2690**, and the grayscale version is **52.1924, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0656, 0.3520, 0.3760**, and **25.2231, 0.4010, 0.3956** is the 20% darker color. If you saturate the color by 10%, you get **47.4909, 0.4063, 0.3962**, and if you desaturate by 10%, it is **57.1830, 0.3608, 0.3672**.

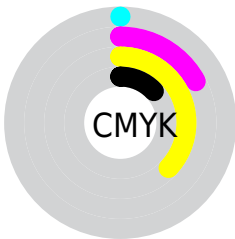
Distribution



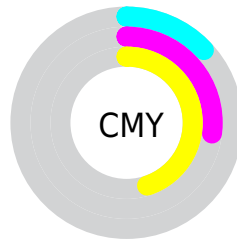
- Red (87%)
- Green (73%)
- Blue (55%)



- Red (81%)
- Yellow (87%)
- Blue (55%)



- Cyan (0%)
- Magenta (17%)
- Yellow (37%)
- Black (13%)





- Cyan (13%)
- Magenta (27%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.1210, 0.3826, 0.3820 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 52.1210, 0.3826, 0.3820 by changing the saturation by 10% instead.


 52.1210, 0.3826,
0.3820


 52.1210, 0.3826,
0.3820


394.9036, 0.3484,
0.3569

 37.1015, 0.3908,
0.3878


 93.3097, 0.3704,
0.3732

 25.2861, 0.4011,
0.3948


 120.2476, 0.3657,
0.3698

 16.2903, 0.4143,
0.4037


 151.9273, 0.3618,
0.3669

 9.7298, 0.4319,
0.4148

188.7329, 0.3584,
0.3644

 5.2202, 0.4557,
0.4288

231.0490, 0.3554,
0.3621

 2.3770, 0.5084,
0.4630

279.2598, 0.3528,

 0.8140, 0.5388,

0.3602

0.4612

333.7499, 0.3505,
0.3584

0.0000, 0.0000,
0.0000

52.1210, 0.3826,
0.3820

52.1210, 0.3826,
0.3820

47.4909, 0.4063,
0.3962

57.1830, 0.3608,
0.3672

43.2714, 0.4314,
0.4088

62.6827, 0.3411,
0.3525

39.4498, 0.4569,
0.4187

68.6351, 0.3236,
0.3384

36.0097, 0.4816,
0.4246

75.0520, 0.3082,
0.3250

32.9326, 0.5039,
0.4255

81.9448, 0.2946,
0.3125

■ 30.1965, 0.5226,
0.4210

■ 88.0969, 0.2926,
0.3189

■ 29.4166, 0.5279,
0.4190

■ 94.2670, 0.2929,
0.3289

Harmonies

Analogous

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



52.1210, 0.3896, 0.3543



52.1210, 0.3826, 0.3820



52.1210, 0.3564, 0.3976

Triad

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



52.1210, 0.3826, 0.3820



52.1210, 0.2541, 0.3309



52.1210, 0.3022, 0.2738

Complementary

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



52.1210, 0.3826, 0.3820



42.2806, 0.2527, 0.2690

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.



52.1210, 0.2679, 0.2661



52.1210, 0.3826, 0.3820



52.1210, 0.2415, 0.2961

Square

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



52.1210, 0.3826, 0.3820



52.1210, 0.2821, 0.3679



52.1210, 0.2464, 0.2734



52.1210, 0.3416, 0.2941

Rectangle

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



52.1210, 0.3826, 0.3820



52.1210, 0.3323, 0.3972



52.1210, 0.2464, 0.2734



52.1210, 0.2897, 0.2697

Sweetspot

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



52.1234, 0.3826, 0.3820



90.5166, 0.3306, 0.3442



37.5074, 0.3601, 0.2840



19.1356, 0.3330, 0.3461



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.



52.1234, 0.3826, 0.3820



66.6148, 0.4000, 0.3926



69.2262, 0.3659, 0.4212



14.9417, 0.3278, 0.3419



17.7009, 0.5259, 0.4206



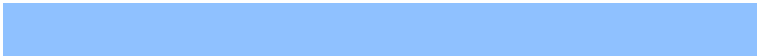
1.4051, 0.5050, 0.4372

Inverse Universe

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



42.2806, 0.2527, 0.2690



51.3574, 0.2403, 0.2545



29.8443, 0.2475, 0.2182



14.2561, 0.2981, 0.3158



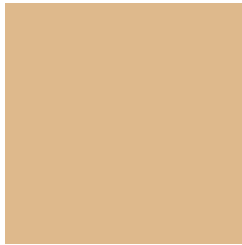
8.7744, 0.1729, 0.1424



0.7852, 0.1811, 0.1720

Previews

White Background



This preview shows how the Yxy color 52.1210, 0.3826, 0.3820 looks on a white background.

Color Contrast Check

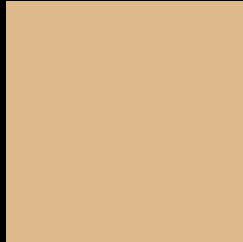
Large Text (above 18pt) WCAG AA × Fail

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 52.1210, 0.3826, 0.3820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

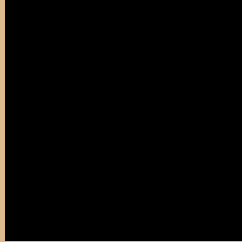
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.1210, 0.3826, 0.3820

Background



This preview shows how black text looks on a background with the Yxy color 52.1210, 0.3826, 0.3820.



This preview shows how white text looks on a background with the Yxy color 52.1210, 0.3826, 0.3820.

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

52.1210, 0.3826, 0.3820

Protanopia

52.2239, 0.3626, 0.3883

Deuteranopia

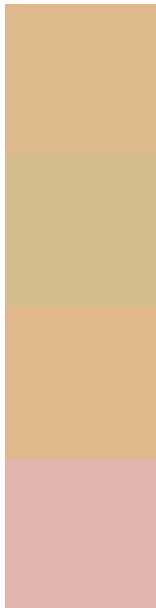
51.9292, 0.3871, 0.3790



Tritanopia

51.9775, 0.3441, 0.3132

Trichromacy



Original Color

52.1210, 0.3826, 0.3820

Protanomaly

52.1971, 0.3695, 0.3861

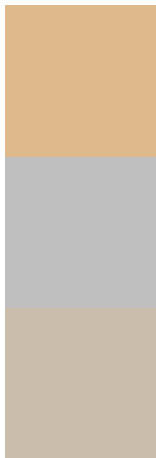
Deuteranomaly

52.1820, 0.3858, 0.3803

Tritanomaly

52.0724, 0.3582, 0.3384

Monochromacy



Original Color

52.1210, 0.3826, 0.3820

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.9303, 0.3370, 0.3501

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1210, 0.3826, 0.3820 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(222, 185, 140)` looks like.

```
.text, #text, p{  
    color:rgb(222, 185, 140)  
}
```

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(222, 185, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 185, 140) }
```

Border

The CSS property to change the border of an element to Yxy 52.1210, 0.3826, 0.3820 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(222, 185, 140) }
```

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

```
.border{ border-color:rgb(222, 185, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 185, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 185, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 185, 140);  
box-shadow:4px 4px 4px 4px rgb(222, 185,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1210, 0.3826, 0.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 185, 140) }
```

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

```
.background{ background-color: rgb(222,  
185, 140) }
```

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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