

Converting Colors

Yxy(50.2822, 0.3881, 0.3905)

Have a look what the booklet for
Yxy(50.2822, 0.3881, 0.3905)
contains.

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Color

Yxy(50.4111, 0.3874, 0.3910)

Conversions

Conversions Part 1

Format	Color
Hex	DAB783
RGB	218, 183, 131
RGB Percent	85%, 72%, 51%
CMY	0.1450, 0.2824, 0.4863
CMYK	0.00, 0.16, 0.40, 0.15
HSL	36°, 54%, 68%
HSV	36°, 40%, 85%
XYZ	49.9470, 50.4111, 28.5706
YIQ	187.5370, 37.5520, -8.7520

Conversions

Conversions Part 2

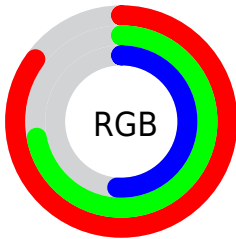
Format	Color
RYB	190, 218, 131
Decimal	14333827
CIELab	76.32, 5.55, 31.13
CIELCh	76, 31.624, 79.893
Yxy	50.4111, 0.3874, 0.3910
Android (android.graphics.Color)	4292523907 (0xFFDAB783)
YUV	187.5370, -27.8727, 26.7161
Hunter-Lab	71.0008, 1.3181, 25.8423

Details

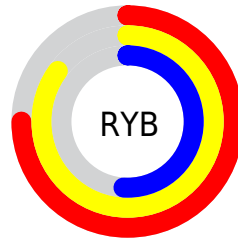
The Yxy color **50.4111, 0.3874, 0.3910** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **37.1666, 0.2468, 0.2573**, and the grayscale version is **50.1601, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.4537, 0.3589, 0.3843**, and **24.1364, 0.4063, 0.4058** is the 20% darker color. If you saturate the color by 10%, you get **46.3761, 0.4102, 0.4059**, and if you desaturate by 10%, it is **54.8009, 0.3659, 0.3752**.

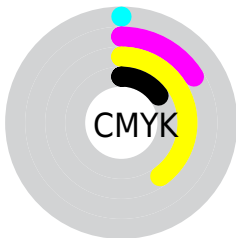
Distribution



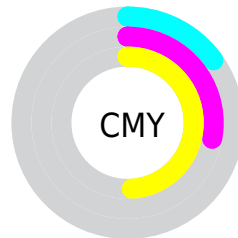
- Red (85%)
- Green (72%)
- Blue (51%)



- Red (75%)
- Yellow (85%)
- Blue (51%)



- Cyan (0%)
- Magenta (16%)
- Yellow (40%)
- Black (15%)





- Cyan (15%)
- Magenta (28%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4111, 0.3874, 0.3910 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 50.4111, 0.3874, 0.3910 by changing the saturation by 10% instead.


 50.4111, 0.3874,
0.3910

 50.4111, 0.3874,
0.3910


388.2714, 0.3508,
0.3614

 35.7402, 0.3961,
0.3978


 90.7837, 0.3744,
0.3806

 24.2336, 0.4070,
0.4062


 117.2541, 0.3694,
0.3766

 15.5070, 0.4210,
0.4165


 148.4265, 0.3652,
0.3732

 9.1760, 0.4391,
0.4295

184.6852, 0.3615,
0.3702

 4.8561, 0.4632,
0.4454

226.4147, 0.3583,
0.3676

 2.1631, 0.5166,
0.4834

273.9993, 0.3555,

 0.6998, 0.5336,

0.3653

0.4664

327.8234, 0.3530,
0.3632

0.0000, 0.0000,
0.0000

50.4111, 0.3874,
0.3910

50.4111, 0.3874,
0.3910

46.3761, 0.4102,
0.4059

54.8009, 0.3659,
0.3752

42.6767, 0.4338,
0.4189

59.5494, 0.3462,
0.3592

39.3024, 0.4570,
0.4288


64.6695, 0.3285,
0.3437


36.2389, 0.4787,
0.4343

70.1713, 0.3126,
0.3289

33.4699, 0.4977,
0.4348


76.0641, 0.2985,
0.3150

 30.9698, 0.5135,
0.4304

 81.9107, 0.2899,
0.3089

 30.9486, 0.5136,
0.4304

 87.0771, 0.2902,
0.3181

 92.4949, 0.2905,
0.3271

 93.6477, 0.2906,
0.3289

Harmonies

Analogous

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



50.4111, 0.3988, 0.3613



50.4111, 0.3874, 0.3910



50.4111, 0.3557, 0.4064

Triad

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



50.4111, 0.3874, 0.3910



50.4111, 0.2446, 0.3249



50.4111, 0.3069, 0.2705

Complementary

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



50.4111, 0.3874, 0.3910



37.1666, 0.2468, 0.2573

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.



50.4111, 0.2675, 0.2598



50.4111, 0.3874, 0.3910



50.4111, 0.2335, 0.2877

Square

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



50.4111, 0.3874, 0.3910



50.4111, 0.2733, 0.3672



50.4111, 0.2416, 0.2651



50.4111, 0.3506, 0.2943

Rectangle

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



50.4111, 0.3874, 0.3910



50.4111, 0.3282, 0.4040



50.4111, 0.2416, 0.2651



50.4111, 0.2927, 0.2653

Sweetspot

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



50.4135, 0.3874, 0.3910



90.5771, 0.3322, 0.3470



33.9403, 0.3704, 0.2855



19.1780, 0.3345, 0.3491



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.



50.4135, 0.3874, 0.3910



66.9625, 0.4068, 0.4038



65.6032, 0.3664, 0.4295



14.3390, 0.3277, 0.3430



18.7547, 0.5119, 0.4318



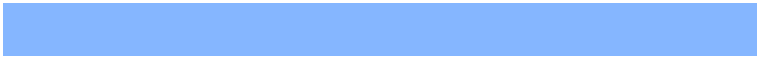
1.3822, 0.4928, 0.4469

Inverse Universe

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



37.1666, 0.2468, 0.2573



45.5704, 0.2322, 0.2386



26.7207, 0.2448, 0.2090



13.4730, 0.2982, 0.3146



7.3852, 0.1688, 0.1278



0.6445, 0.1779, 0.1603

Previews

White Background



This preview shows how the Yxy color 50.4111, 0.3874, 0.3910 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 50.4111, 0.3874, 0.3910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

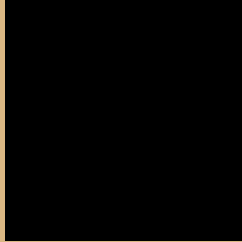
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.4111, 0.3874, 0.3910

Background



This preview shows how black text looks on a background with the Yxy color 50.4111, 0.3874, 0.3910.



This preview shows how white text looks on a background with the Yxy color 50.4111, 0.3874, 0.3910.

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

50.4111, 0.3874, 0.3910

Protanopia

50.3564, 0.3699, 0.3976

Deuteranopia

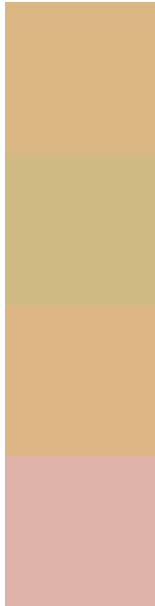
50.3160, 0.3944, 0.3850



Tritanopia

50.1814, 0.3446, 0.3129

Trichromacy



Original Color

50.4111, 0.3874, 0.3910

Protanomaly

50.1937, 0.3761, 0.3954

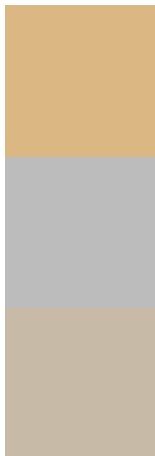
Deuteranomaly

50.2433, 0.3912, 0.3868

Tritanomaly

50.1975, 0.3607, 0.3409

Monochromacy



Original Color

50.4111, 0.3874, 0.3910

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.0499, 0.3391, 0.3529

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4111, 0.3874, 0.3910 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(218, 183, 131)` looks like.

```
.text, #text, p{  
    color:rgb(218, 183, 131)  
}
```

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(218, 183, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 183, 131) }
```

Border

The CSS property to change the border of an element to Yxy 50.4111, 0.3874, 0.3910 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(218, 183, 131) }
```

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

```
.border{ border-color:rgb(218, 183, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 183, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 183, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 183, 131);  
box-shadow:4px 4px 4px 4px rgb(218, 183,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4111, 0.3874, 0.3910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 183, 131) }
```

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

```
.background{ background-color: rgb(218,  
183, 131) }
```

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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