

Converting Colors

$Yxy(51.0309, 0.3747, 0.3779)$

Have a look what the booklet for
Yxy(51.0309, 0.3747, 0.3779)
contains.

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Color

Yxy(50.8935, 0.3742, 0.3772)

Conversions

Conversions Part 1

Format	Color
Hex	D8B890
RGB	216, 184, 144
RGB Percent	85%, 72%, 56%
CMY	0.1530, 0.2784, 0.4353
CMYK	0.00, 0.15, 0.33, 0.15
HSL	33°, 48%, 71%
HSV	33°, 33%, 85%
XYZ	50.4887, 50.8935, 33.5422
YIQ	189.0080, 31.9120, -5.6560

Conversions

Conversions Part 2

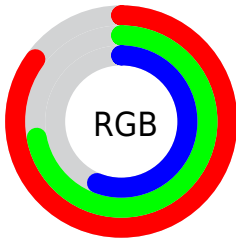
Format	Color
RYB	202, 216, 144
Decimal	14203024
CIELab	76.61, 5.74, 24.61
CIElCh	77, 25.266, 76.873
Yxy	50.8935, 0.3742, 0.3772
Android (android.graphics.Color)	4292393104 (0xFFD8B890)
YUV	189.0080, -22.1889, 23.6720
Hunter-Lab	71.3397, 1.4841, 22.0610

Details

The Yxy color **50.8935, 0.3742, 0.3772** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.9190, 0.2588, 0.2752**, and the grayscale version is **51.0091, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6574, 0.3496, 0.3710**, and **24.4965, 0.3911, 0.3896** is the 20% darker color. If you saturate the color by 10%, you get **46.4466, 0.3971, 0.3918**, and if you desaturate by 10%, it is **55.7417, 0.3533, 0.3623**.

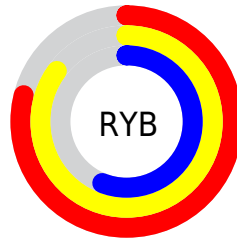
Distribution



Red (85%)

Green (72%)

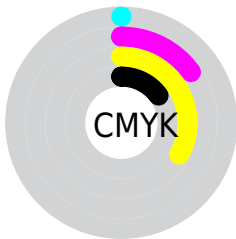
Blue (56%)



Red (79%)

Yellow (85%)

Blue (56%)

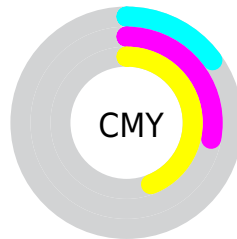


Cyan (0%)

Magenta (15%)

Yellow (33%)

Black (15%)



Cyan (15%)


Magenta (28%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8935, 0.3742, 0.3772 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 50.8935, 0.3742, 0.3772 by changing the saturation by 10% instead.


 50.8935, 0.3742,
0.3772


 50.8935, 0.3742,
0.3772


390.1499, 0.3439,
0.3541

 36.1239, 0.3815,
0.3826


 91.4973, 0.3634,
0.3690

 24.5299, 0.3908,
0.3893


 118.1003, 0.3592,
0.3659

 15.7271, 0.4028,
0.3978


149.4165, 0.3557,
0.3632

 9.3313, 0.4189,
0.4089

185.8304, 0.3527,
0.3609

 4.9579, 0.4412,
0.4232

227.7262, 0.3501,
0.3589

 2.2226, 0.4874,
0.4548

275.4885, 0.3478,

 0.7323, 0.5331,

0.3571

0.4669

329.5016, 0.3457,
0.3555

0.0000, 0.0000,
0.0000

50.8935, 0.3742,
0.3772

50.8935, 0.3742,
0.3772

46.4466, 0.3971,
0.3918

55.7417, 0.3533,
0.3623

42.3812, 0.4215,
0.4053

60.9958, 0.3345,
0.3476

38.6864, 0.4467,
0.4165

66.6695, 0.3178,
0.3335

35.3476, 0.4715,
0.4241

72.7734, 0.3031,
0.3203

32.3486, 0.4944,
0.4271

79.3178, 0.2902,
0.3080

■ 29.6708, 0.5142,
0.4248

■ 85.0575, 0.2889,
0.3151

■ 28.0472, 0.5257,
0.4208

■ 90.9034, 0.2893,
0.3250

■ 93.3363, 0.2894,
0.3289

Harmonies

Analogous

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



50.8935, 0.3810, 0.3530



50.8935, 0.3742, 0.3772



50.8935, 0.3506, 0.3900

Triad

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



50.8935, 0.3742, 0.3772



50.8935, 0.2597, 0.3296



50.8935, 0.3049, 0.2801

Complementary

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



50.8935, 0.3742, 0.3772



41.9190, 0.2588, 0.2752

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.



50.8935, 0.2738, 0.2728



50.8935, 0.3742, 0.3772



50.8935, 0.2489, 0.2991

Square

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



50.8935, 0.3742, 0.3772



50.8935, 0.2844, 0.3622



50.8935, 0.2539, 0.2790



50.8935, 0.3397, 0.2987

Rectangle

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



50.8935, 0.3742, 0.3772



50.8935, 0.3291, 0.3888



50.8935, 0.2539, 0.2790



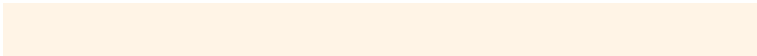
50.8935, 0.2936, 0.2763

Sweetspot

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



50.8959, 0.3742, 0.3772



91.4520, 0.3289, 0.3429



37.6888, 0.3552, 0.2900



19.3282, 0.3313, 0.3449



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.



50.8959, 0.3742, 0.3772



69.5083, 0.3901, 0.3876



65.1701, 0.3598, 0.4125



13.5543, 0.3277, 0.3420



16.8225, 0.5236, 0.4224



1.1786, 0.5008, 0.4406

Inverse Universe

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



41.9190, 0.2588, 0.2752



54.5148, 0.2469, 0.2616



31.1571, 0.2559, 0.2311



12.9074, 0.2982, 0.3157



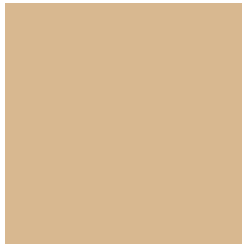
8.0851, 0.1724, 0.1406



0.6512, 0.1817, 0.1741

Previews

White Background



This preview shows how the Yxy color 50.8935, 0.3742, 0.3772 looks on a white background.

Color Contrast Check

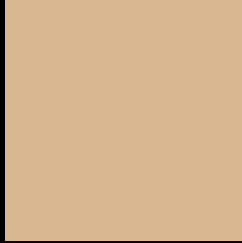
Large Text (above 18pt) WCAG AA × Fail

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 50.8935, 0.3742, 0.3772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

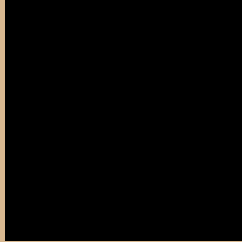
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

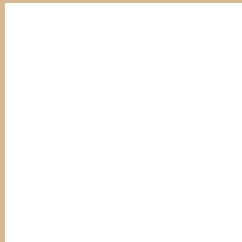
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.8935, 0.3742, 0.3772

Background



This preview shows how black text looks on a background with the Yxy color 50.8935, 0.3742, 0.3772.



This preview shows how white text looks on a background with the Yxy color 50.8935, 0.3742, 0.3772.

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

50.8935, 0.3742, 0.3772

Protanopia

51.0271, 0.3582, 0.3828

Deuteranopia

50.5910, 0.3809, 0.3728



Tritanopia

50.9745, 0.3397, 0.3140

Trichromacy



Original Color

50.8935, 0.3742, 0.3772

Protanomaly

50.8504, 0.3641, 0.3809

Deuteranomaly

50.6852, 0.3786, 0.3743

Tritanomaly

50.7586, 0.3522, 0.3362

Monochromacy



Original Color

50.8935, 0.3742, 0.3772

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.6999, 0.3340, 0.3465

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8935, 0.3742, 0.3772 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(216, 184, 144)` looks like.

```
.text, #text, p{  
    color:rgb(216, 184, 144)  
}
```

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(216, 184, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 184, 144) }
```

Border

The CSS property to change the border of an element to Yxy 50.8935, 0.3742, 0.3772 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(216, 184, 144) }
```

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

```
.border{ border-color:rgb(216, 184, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 184, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 184, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 184, 144);  
box-shadow:4px 4px 4px 4px rgb(216, 184,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8935, 0.3742, 0.3772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 184, 144) }
```

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

```
.background{ background-color: rgb(216,  
184, 144) }
```

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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