

Converting Colors

Yxy(51.9677, 0.3744, 0.3786)

Have a look what the booklet for
Yxy(51.9677, 0.3744, 0.3786)
contains.

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Color

Yxy(52.0369, 0.3753, 0.3791)

Conversions

Conversions Part 1

Format	Color
Hex	DABA90
RGB	218, 186, 144
RGB Percent	85%, 73%, 56%
CMY	0.1449, 0.2706, 0.4353
CMYK	0.00, 0.15, 0.34, 0.14
HSL	34°, 50%, 71%
HSV	34°, 34%, 86%
XYZ	51.5153, 52.0369, 33.7121
YIQ	190.7800, 32.5540, -6.2780

Conversions

Conversions Part 2

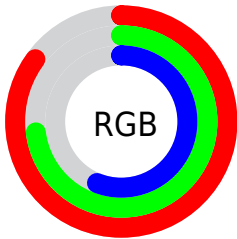
Format	Color
RYB	200, 218, 144
Decimal	14334608
CIELab	77.30, 5.50, 25.56
CIELCh	77, 26.149, 77.866
Yxy	52.0369, 0.3753, 0.3791
Android (android.graphics.Color)	4292524688 (0xFFDABA90)
YUV	190.7800, -23.0625, 23.8719
Hunter-Lab	72.1366, 1.2341, 22.7872

Details

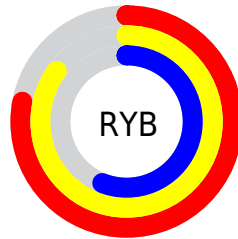
The Yxy color **52.0369, 0.3753, 0.3791** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.0620, 0.2575, 0.2729**, and the grayscale version is **52.0914, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8415, 0.3492, 0.3729**, and **25.2468, 0.3922, 0.3920** is the 20% darker color. If you saturate the color by 10%, you get **47.5897, 0.3981, 0.3940**, and if you desaturate by 10%, it is **56.8804, 0.3544, 0.3639**.

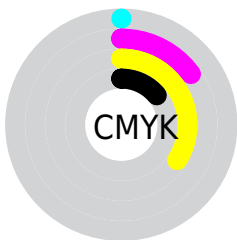
Distribution



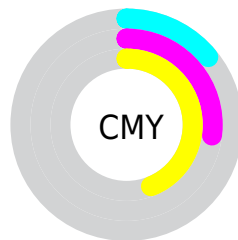
- Red (85%)
- Green (73%)
- Blue (56%)



- Red (78%)
- Yellow (85%)
- Blue (56%)



- Cyan (0%)
- Magenta (15%)
- Yellow (34%)
- Black (14%)





- Cyan (14%)
- Magenta (27%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0369, 0.3753, 0.3791 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 52.0369, 0.3753, 0.3791 by changing the saturation by 10% instead.


 52.0369, 0.3753,
0.3791


 52.0369, 0.3753,
0.3791


394.5790, 0.3446,
0.3551

 37.0345, 0.3827,
0.3847


 93.1857, 0.3643,
0.3707

 25.2342, 0.3920,
0.3916


 120.1008, 0.3602,
0.3674

 16.2516, 0.4040,
0.4003


151.7556, 0.3566,
0.3646

 9.7024, 0.4199,
0.4116

188.5345, 0.3536,
0.3622

 5.2021, 0.4419,
0.4262

230.8220, 0.3509,
0.3601

 2.3663, 0.4858,
0.4566

279.0022, 0.3486,

 0.8085, 0.5279,

0.3583

0.4721

333.4598, 0.3465,
0.3566

0.0000, 0.0000,
0.0000

52.0369, 0.3753,
0.3791

52.0369, 0.3753,
0.3791

47.5897, 0.3981,
0.3940

56.8804, 0.3544,
0.3639

43.5191, 0.4222,
0.4075

62.1246, 0.3356,
0.3489

39.8140, 0.4470,
0.4188

67.7831, 0.3188,
0.3345


36.4600, 0.4712,
0.4264

73.8665, 0.3040,
0.3209

33.4408, 0.4934,
0.4293


80.3849, 0.2909,
0.3084

 30.7377, 0.5124,
0.4269

 86.0050, 0.2902,
0.3162

 29.2427, 0.5225,
0.4233

 91.7882, 0.2905,
0.3259

 93.6519, 0.2906,
0.3289

Harmonies

Analogous

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



52.0369, 0.3830, 0.3545



52.0369, 0.3753, 0.3791



52.0369, 0.3505, 0.3918

Triad

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



52.0369, 0.3753, 0.3791



52.0369, 0.2577, 0.3284



52.0369, 0.3058, 0.2793

Complementary

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



52.0369, 0.3753, 0.3791



42.0620, 0.2575, 0.2729

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.



52.0369, 0.2737, 0.2714



52.0369, 0.3753, 0.3791



52.0369, 0.2472, 0.2973

Square

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



52.0369, 0.3753, 0.3791



52.0369, 0.2826, 0.3621



52.0369, 0.2529, 0.2773



52.0369, 0.3416, 0.2987

Rectangle

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



52.0369, 0.3753, 0.3791



52.0369, 0.3283, 0.3903



52.0369, 0.2529, 0.2773



52.0369, 0.2942, 0.2753

Sweetspot

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



52.0393, 0.3753, 0.3791



91.6238, 0.3288, 0.3432



37.9949, 0.3576, 0.2906



19.3698, 0.3313, 0.3453



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.



52.0393, 0.3753, 0.3791



69.4441, 0.3920, 0.3902



66.3399, 0.3597, 0.4144



14.2710, 0.3277, 0.3423



17.7297, 0.5205, 0.4249



1.3187, 0.4996, 0.4415

Inverse Universe

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



42.0620, 0.2575, 0.2729



53.0935, 0.2450, 0.2581



31.3925, 0.2556, 0.2292



13.5396, 0.2982, 0.3154



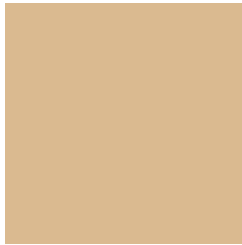
8.0724, 0.1714, 0.1370



0.6921, 0.1802, 0.1688

Previews

White Background



This preview shows how the Yxy color 52.0369, 0.3753, 0.3791 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 52.0369, 0.3753, 0.3791 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 52.0369, 0.3753, 0.3791

Background



This preview shows how black text looks on a background with the Yxy color 52.0369, 0.3753, 0.3791.



This preview shows how white text looks on a background with the Yxy color 52.0369, 0.3753, 0.3791.

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

52.0369, 0.3753, 0.3791

Protanopia

52.1743, 0.3593, 0.3848

Deuteranopia

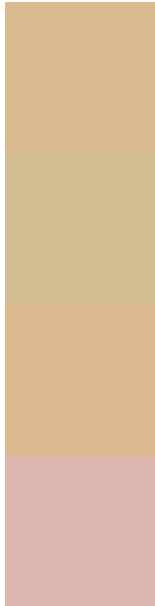
51.9189, 0.3819, 0.3734



Tritanopia

51.7784, 0.3396, 0.3130

Trichromacy



Original Color

52.0369, 0.3753, 0.3791

Protanomaly

51.9948, 0.3652, 0.3829

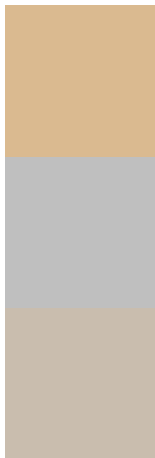
Deuteranomaly

51.8549, 0.3788, 0.3750

Tritanomaly

51.9232, 0.3527, 0.3373

Monochromacy



Original Color

52.0369, 0.3753, 0.3791

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.8687, 0.3346, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0369, 0.3753, 0.3791 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, 186, 144)` looks like.

```
.text, #text, p{  
    color:rgb(218, 186, 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(218, 186, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 186, 144) }
```

Border

The CSS property to change the border of an element to Yxy 52.0369, 0.3753, 0.3791 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, 186, 144) }
```

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

```
.border{ border-color:rgb(218, 186, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 186, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 186, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 186, 144);  
box-shadow:4px 4px 4px 4px rgb(218, 186,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0369, 0.3753, 0.3791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 186, 144) }
```

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

```
.background{ background-color: rgb(218,  
186, 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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