

Converting Colors

Yxy(51.9617, 0.3960, 0.4024)

Have a look what the booklet for
Yxy(51.9617, 0.3960, 0.4024)
contains.

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Color

Yxy(52.0775, 0.3960, 0.4024)

Conversions

Conversions Part 1

Format	Color
Hex	DEBA7B
RGB	222, 186, 123
RGB Percent	87%, 73%, 48%
CMY	0.1296, 0.2705, 0.5176
CMYK	0.00, 0.16, 0.45, 0.13
HSL	38°, 60%, 68%
HSV	38°, 45%, 87%
XYZ	51.2492, 52.0775, 26.0905
YIQ	189.5820, 41.6790, -11.9610

Conversions

Conversions Part 2

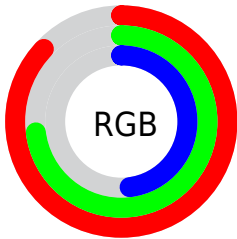
Format	Color
RYB	180, 222, 123
Decimal	14596731
CIELab	77.33, 4.69, 36.69
CIELCh	77, 36.984, 82.716
Yxy	52.0775, 0.3960, 0.4024
Android (android.graphics.Color)	4292786811 (0xFFDEBA7B)
YUV	189.5820, -32.8249, 28.4306
Hunter-Lab	72.1647, 0.4770, 29.0796

Details

The Yxy color **52.0775, 0.3960, 0.4024** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **34.2597, 0.2377, 0.2414**, and the grayscale version is **51.4134, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8989, 0.3633, 0.3950**, and **25.2554, 0.4169, 0.4194** is the 20% darker color. If you saturate the color by 10%, you get **48.2838, 0.4181, 0.4174**, and if you desaturate by 10%, it is **56.1938, 0.3747, 0.3860**.

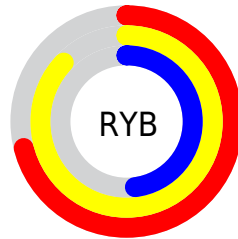
Distribution



Red (87%)

Green (73%)

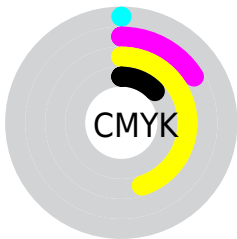
Blue (48%)



Red (71%)

Yellow (87%)

Blue (48%)

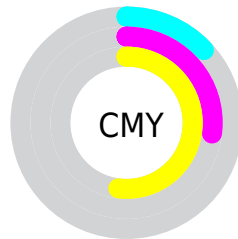


Cyan (0%)

Magenta (16%)

Yellow (45%)

Black (13%)



Cyan (13%)


Magenta (27%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0775, 0.3960, 0.4024 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 52.0775, 0.3960, 0.4024 by changing the saturation by 10% instead.


 52.0775, 0.3960,
0.4024


 52.0775, 0.3960,
0.4024


394.7357, 0.3558,
0.3677

 37.0669, 0.4054,
0.4102


 93.2455, 0.3818,
0.3904

 25.2593, 0.4169,
0.4197


 120.1717, 0.3764,
0.3857

 16.2703, 0.4313,
0.4312


 151.8385, 0.3717,
0.3816

 9.7156, 0.4496,
0.4452

188.6303, 0.3676,
0.3781

 5.2108, 0.4732,
0.4621

230.9316, 0.3641,
0.3750

 2.3715, 0.5114,
0.4886

279.1266, 0.3610,

 0.8112, 0.5221,

0.3723

0.4779

333.5999, 0.3582,
0.3699

0.0000, 0.0000,
0.0000

52.0775, 0.3960,
0.4024

52.0775, 0.3960,
0.4024

48.2838, 0.4181,
0.4174

56.1938, 0.3747,
0.3860

44.7935, 0.4401,
0.4298

60.6362, 0.3547,
0.3691

41.5962, 0.4611,
0.4386

65.4172, 0.3364,
0.3523


38.6774, 0.4797,
0.4426


70.5466, 0.3197,
0.3361


36.0198, 0.4952,
0.4414

76.0333, 0.3049,
0.3208

 34.6757, 0.5026,
0.4391

 81.8099, 0.2923,
0.3078

 86.5150, 0.2925,
0.3162

 91.4319, 0.2927,
0.3244

 94.2632, 0.2929,
0.3289

Harmonies

Analogous

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



52.0775, 0.4123, 0.3687



52.0775, 0.3960, 0.4024



52.0775, 0.3575, 0.4192

Triad

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



52.0775, 0.3960, 0.4024



52.0775, 0.2325, 0.3191



52.0775, 0.3104, 0.2642

Complementary

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



52.0775, 0.3960, 0.4024



34.2597, 0.2377, 0.2414

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.



52.0775, 0.2642, 0.2504



52.0775, 0.3960, 0.4024



52.0775, 0.2222, 0.2776

Square

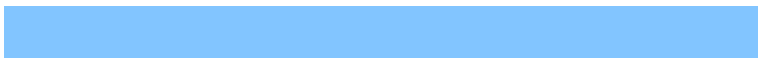
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



52.0775, 0.3960, 0.4024



52.0775, 0.2633, 0.3690



52.0775, 0.2333, 0.2542



52.0775, 0.3609, 0.2922

Rectangle

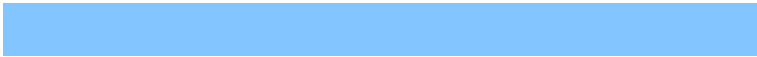
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



52.0775, 0.3960, 0.4024



52.0775, 0.3253, 0.4152



52.0775, 0.2333, 0.2542



52.0775, 0.2938, 0.2578

Sweetspot

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



52.0800, 0.3960, 0.4024



90.6034, 0.3338, 0.3498



32.2034, 0.3863, 0.2862



19.0690, 0.3377, 0.3535



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.



52.0800, 0.3960, 0.4024



66.7146, 0.4155, 0.4157



67.1723, 0.3682, 0.4424



15.1486, 0.3276, 0.3439



20.8233, 0.5010, 0.4404



1.6117, 0.4852, 0.4530

Inverse Universe

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



34.2597, 0.2377, 0.2414



39.5537, 0.2224, 0.2202



24.6896, 0.2390, 0.1938



14.0542, 0.2981, 0.3137



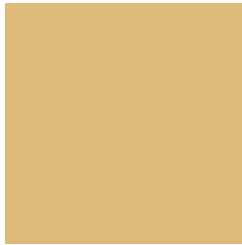
6.7883, 0.1657, 0.1164



0.6368, 0.1743, 0.1475

Previews

White Background



This preview shows how the Yxy color 52.0775, 0.3960, 0.4024 looks on a white background.

Color Contrast Check

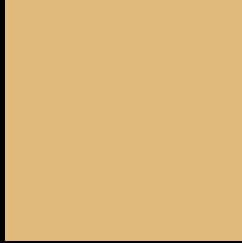
Large Text (above 18pt) WCAG AA × Fail

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 52.0775, 0.3960, 0.4024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

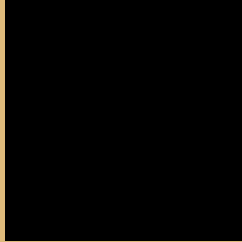
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0775, 0.3960, 0.4024

Background



This preview shows how black text looks on a background with the Yxy color 52.0775, 0.3960, 0.4024.



This preview shows how white text looks on a background with the Yxy color 52.0775, 0.3960, 0.4024.

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

52.0775, 0.3960, 0.4024

Protanopia

52.1522, 0.3794, 0.4093

Deuteranopia

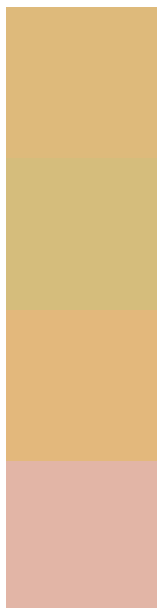
52.1452, 0.4040, 0.3960



Tritanopia

52.2604, 0.3467, 0.3144

Trichromacy



Original Color

52.0775, 0.3960, 0.4024

Protanomaly

51.9966, 0.3856, 0.4069

Deuteranomaly

52.0671, 0.4008, 0.3978

Tritanomaly

51.9697, 0.3652, 0.3466

Monochromacy



Original Color

52.0775, 0.3960, 0.4024

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.7049, 0.3419, 0.3576

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0775, 0.3960, 0.4024 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, 186, 123)` looks like.

```
.text, #text, p{  
    color:rgb(222, 186, 123)  
}
```

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, 186, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 186, 123) }
```

Border

The CSS property to change the border of an element to Yxy 52.0775, 0.3960, 0.4024 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, 186, 123) }
```

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

```
.border{ border-color:rgb(222, 186, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 186, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 186, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 186, 123);  
box-shadow:4px 4px 4px 4px rgb(222, 186,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0775, 0.3960, 0.4024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 186, 123) }
```

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

```
.background{ background-color: rgb(222,  
186, 123) }
```

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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