

Converting Colors

Yxy(52.0987, 0.4044, 0.3708)

Have a look what the booklet for
Yxy(52.0987, 0.4044, 0.3708)
contains.

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Color

Yxy(52.0091, 0.4043, 0.3711)

Conversions

Conversions Part 1

Format	Color
Hex	F1B18B
RGB	241, 177, 139
RGB Percent	95%, 69%, 55%
CMY	0.0548, 0.3059, 0.4549
CMYK	0.00, 0.27, 0.42, 0.05
HSL	22°, 78%, 75%
HSV	22°, 42%, 95%
XYZ	56.6620, 52.0091, 31.4773
YIQ	191.8040, 50.3420, 1.7500

Conversions

Conversions Part 2

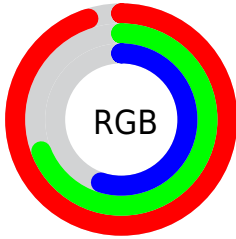
Format	Color
R_{YB}	241, 200, 139
Decimal	15839627
CIE _{Lab}	77.29, 18.72, 28.59
CIE _{LCh}	77, 34.175, 56.794
Yxy	52.0091, 0.4043, 0.3711
Android (android.graphics.Color)	4294029707 (0xFFFF1B18B)
YUV	191.8040, -26.0324, 43.1449
Hunter-Lab	72.1173, 14.0407, 24.6036

Details

The Yxy color **52.0091, 0.4043, 0.3711** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.5603, 0.2472, 0.2817**, and the grayscale version is **52.7264, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.3881, 0.3544, 0.3694**, and **25.2039, 0.4288, 0.3787** is the 20% darker color. If you saturate the color by 10%, you get **45.7357, 0.4346, 0.3803**, and if you desaturate by 10%, it is **59.1050, 0.3773, 0.3610**.

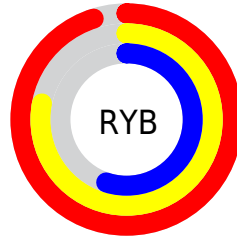
Distribution



Red (95%)

Green (69%)

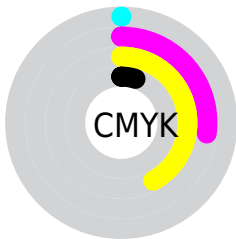
Blue (55%)



Red (95%)

Yellow (78%)

Blue (55%)

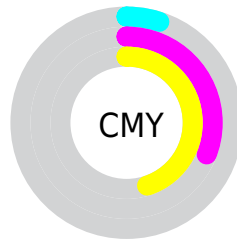


Cyan (0%)

Magenta (27%)

Yellow (42%)

Black (5%)



Cyan (5%)


Magenta (31%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.0091, 0.4043, 0.3711 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 52.0091, 0.4043, 0.3711 by changing the saturation by 10% instead.


 52.0091, 0.4043,
0.3711

 52.0091, 0.4043,
0.3711


394.4717, 0.3592,
0.3523


 37.0123, 0.4152,
0.3750


 93.1447, 0.3881,
0.3648

 25.2170, 0.4289,
0.3797


 120.0522, 0.3820,
0.3623

 16.2388, 0.4465,
0.3850


 151.6989, 0.3768,
0.3601

 9.6933, 0.4700,
0.3909

188.4690, 0.3723,
0.3581

 5.1961, 0.5021,
0.3966

230.7469, 0.3684,
0.3564

 2.3628, 0.5700,
0.4151

278.9171, 0.3649,

 0.8066, 0.6142,

0.3549

0.3858

333.3639, 0.3619,
0.3535

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.0091, 0.4043,
0.3711

52.0091, 0.4043,
0.3711

45.7357, 0.4346,
0.3803

59.1050, 0.3773,
0.3610

40.2455, 0.4675,
0.3875

67.0457, 0.3538,
0.3507

35.5067, 0.5014,
0.3914

75.8621, 0.3336,
0.3406

31.4821, 0.5340,
0.3908

85.5810, 0.3163,
0.3311

■ 28.1300, 0.5622,
0.3850

■ 95.9343, 0.3042,
0.3267

■ 25.9782, 0.5802,
0.3776

■ 97.4437, 0.3042,
0.3290

Harmonies

Analogous

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



52.0091, 0.3960, 0.3346



52.0091, 0.4043, 0.3711



52.0091, 0.3862, 0.4006

Triad

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



52.0091, 0.4043, 0.3711



52.0091, 0.2621, 0.3599



52.0091, 0.2730, 0.2566

Complementary

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



52.0091, 0.4043, 0.3711



54.5603, 0.2472, 0.2817

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.



52.0091, 0.2417, 0.2580



52.0091, 0.4043, 0.3711



52.0091, 0.2357, 0.3142

Square

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



52.0091, 0.4043, 0.3711



52.0091, 0.3031, 0.3979



52.0091, 0.2287, 0.2776



52.0091, 0.3171, 0.2715

Rectangle

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



52.0091, 0.4043, 0.3711



52.0091, 0.3626, 0.4111



52.0091, 0.2287, 0.2776



52.0091, 0.2608, 0.2551

Sweetspot

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



52.0116, 0.4043, 0.3711



85.4843, 0.3349, 0.3413



41.5095, 0.3527, 0.2598



17.8070, 0.3392, 0.3435



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.



52.0116, 0.4043, 0.3711



52.7770, 0.4309, 0.3793



75.7328, 0.3813, 0.4215



16.7233, 0.3284, 0.3378



14.3224, 0.5772, 0.3799



1.3762, 0.5524, 0.3996

Inverse Universe

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



54.5603, 0.2472, 0.2817



55.9881, 0.2347, 0.2698



34.4928, 0.2362, 0.2153



16.8817, 0.2980, 0.3200



15.7537, 0.1895, 0.2022



1.5006, 0.1947, 0.2207

Previews

White Background



This preview shows how the Yxy color 52.0091, 0.4043, 0.3711 looks on a white background.

Color Contrast Check

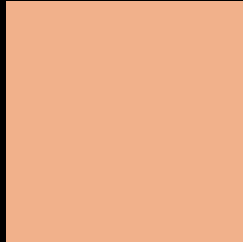
Large Text (above 18pt) WCAG AA × Fail

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 52.0091, 0.4043, 0.3711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

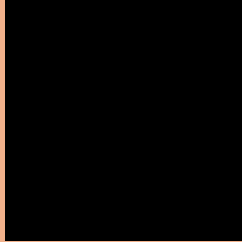
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.0091, 0.4043, 0.3711

Background



This preview shows how black text looks on a background with the Yxy color 52.0091, 0.4043, 0.3711.



This preview shows how white text looks on a background with the Yxy color 52.0091, 0.4043, 0.3711.

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

52.0091, 0.4043, 0.3711

Protanopia

52.2851, 0.3610, 0.3859

Deuteranopia

52.0328, 0.3897, 0.3811



Tritanopia

51.9990, 0.3688, 0.3151

Trichromacy



Original Color

52.0091, 0.4043, 0.3711

Protanomaly

52.0064, 0.3761, 0.3803

Deuteranomaly

52.0385, 0.3951, 0.3780

Tritanomaly

51.9474, 0.3822, 0.3347

Monochromacy



Original Color

52.0091, 0.4043, 0.3711

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.2594, 0.3436, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0091, 0.4043, 0.3711 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(241, 177, 139)` looks like.

```
.text, #text, p{  
    color:rgb(241, 177, 139)  
}
```

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(241, 177, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 177, 139) }
```

Border

The CSS property to change the border of an element to Yxy 52.0091, 0.4043, 0.3711 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(241, 177, 139) }
```

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

```
.border{ border-color:rgb(241, 177, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 177, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 177, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 177, 139);  
box-shadow:4px 4px 4px 4px rgb(241, 177,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0091, 0.4043, 0.3711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 177, 139) }
```

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

```
.background{ background-color: rgb(241,  
177, 139) }
```

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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